



# TEST REPORT

**APPLICANT** : Shenzhen Chainway Information Technology Co., Ltd  
**PRODUCT NAME** : Mobile Data Terminal  
**MODEL NAME** : C70  
**BRAND NAME** : CHAINWAY  
**TEST REQUEST** : As required by client , based on the RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU to determine the Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as Bis (2-ethylhexyl) phthalate (DEHP), Dibutyl phthalate (DBP), Butyl benzyl Phthalate (BBP), Diisobutyl phthalate (DIBP) content in the submitted samples.  
**RECEIPT DATE** : 2019-06-21  
**TEST DATE** : 2019-06-21 to 2019-07-25  
**ISSUE DATE** : 2019-08-14  
**CONCLUSION** : Based on the performed tests on submitted sample(s), the results comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

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# DIRECTORY

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Change History		
Version	Date	Reason for change
1.0	2019-08-14	First edition

# 1. Technical Information

Note: Provided by applicant

## 1.1 Applicant Information

<b>Applicant</b>	Shenzhen Chainway Information Technology Co., Ltd
<b>Applicant Address</b>	9F, Building 2, Phase 2, Gaoxinqi Industrial Park, Bao'an District, Shenzhen, China, 518102
<b>Manufacturer</b>	Shenzhen Chainway Information Technology Co., Ltd
<b>Manufacturer Address</b>	9F, Building 2, Phase 2, Gaoxinqi Industrial Park, Bao'an District, Shenzhen, China, 518102

# 2. Test Methods

## 2.1. Screening test by XRF spectroscopy

XRF screening limits in mg/kg for regulated elements according to IEC 62321-3-1:2013

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	$P \leq 700 - 3\sigma < D$	$P \leq 700 - 3\sigma < D$	$P \leq 500 - 3\sigma < D$

Note: P = PASS

F = FAIL

The symbol "D" marks the region where further investigation is necessary.

XRF testing results are only used for reference.

## 2.2. Chemical Test

Test item	Test Method	Apparatus	MDL(mg/kg)
Hg	IEC 62321-4-2013	ICP-OES	2
Cd & Pb	IEC 62321-5-2013	CV-AAS or ICP-OES	2
Cr <sup>6+</sup>	IEC 62321-7-2:2017 (For Polymer and Electronics)	UV-VIS	2
	IEC 62321-7-1:2015 <sup>▲</sup> (For Plating on Metals)		0.1ug/cm <sup>2</sup>
PBBs & PBDEs	IEC 62321-6:2015	GC-MS	5
Phthalates (DBP,BBP,DEHP,DIBP)	IEC 62321-8:2017	GC-MS	10

### 3. Test Results and Sample Description

The results of XRF screening and chemical test (Unit: mg/kg)

No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion	
				Element	Data	UV-Vis	ICP-OES	GC-MS		
1	A-1	Black Rubber Plug	Polymer	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	P					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						N.D.
				BBP						N.D.
				DEHP						N.D.
				DIBP						N.D.
2	A-2	Yellow Label	Polymer	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	P					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						N.D.
				BBP						N.D.
				DEHP						N.D.
				DIBP						N.D.
3	A-3	Silver Metal Screw	Metal	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	D					
				Br	/					
				Cr <sup>6+</sup>						Negative
				PBBs						
				PBDEs						
				DBP						
				BBP						
				DEHP						
				DIBP						
4	A-4	Black Metal Screw	Metal	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	D					
				Br	/					
				Cr <sup>6+</sup>						Negative
				PBBs						
				PBDEs						
				DBP						
				BBP						
				DEHP						
				DIBP						



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion	
				Element	Data	UV-Vis	ICP-OES	GC-MS		
5	A-5	Black Plastic Decorative Board	Polymer	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	P					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						N.D.
				BBP						N.D.
				DEHP						N.D.
				DIBP						N.D.
6	A-6	Rear Camera Baffle	Polymer	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	P					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						N.D.
				BBP						N.D.
				DEHP						N.D.
				DIBP						N.D.
7	A-7	Black Metal	Metal	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	D					
				Br	/					
				Cr <sup>6+</sup>		Negative				
				PBBs						
				PBDEs						
				DBP						
				BBP						
				DEHP						
				DIBP						
8	A-8	White Gel	Polymer	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	P					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						N.D.
				BBP						N.D.
				DEHP						N.D.
				DIBP						N.D.



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
9	A-9	Camera Glass Baffle	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
10	A-10	Orange Plastic Keys	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
11	A-11	Dark Grey Plastic Keys	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
12	A-12	Black Rubber Plug	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
13	A-13	Black Conductive Tape	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	D				
				Br	P				
				Cr <sup>6+</sup>		N.D.			
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
14	A-14	Gold Metal Pin	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	D				
				Br	/				
				Cr <sup>6+</sup>		Negative			
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
15	A-15	Black Metal Screw	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	D				
				Br	/				
				Cr <sup>6+</sup>		Negative			
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
16	A-16	Gold Metal Pin	Metal	Pb	D	/	#2.9×10 <sup>4</sup>	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
17	A-17	Silver Gray Dust Mesh	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
18	A-18	Silver Metal Sheet	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
19	A-19	Magnet	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
20	A-20	Silver Metal Shell	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					





No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
21	A-21	Enameled Coil	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
22	A-22	Silver Paper	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
23	A-23	Black Plastic Ring	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	D				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
24	A-24	Silver Metal Connector	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	D				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
25	A-25	Black Soft Rubber Ring	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
		N.D.							
		N.D.							
		N.D.							
		N.D.							
26	A-26	Silver Metal Shell	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	D				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
		Negative							
27	A-27	Black Plastic	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
		N.D.							
		N.D.							
		N.D.							
		N.D.							
28	A-28	Gold Metal Pin	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	D				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
		Negative							



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
29	A-29	Gold Metal Pin	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	D				
				Br	/				
				Cr <sup>6+</sup>		Negative			
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
30	A-30	Crystal Oscillator	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP		N.D.			
				BBP		N.D.			
				DEHP		N.D.			
				DIBP		N.D.			
31	A-31	Tin Solder	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
32	A-32	PCB Board	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	D				
				Cr <sup>6+</sup>					
				PBBs		N.D.			
				PBDEs		N.D.			
				DBP		N.D.			
				BBP		N.D.			
				DEHP		N.D.			
				DIBP		N.D.			



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
33	A-33	Black Plastic Back Cover	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
34	A-34	Dark Grey Soft Adhesive	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
35	A-35	Grey Fabric	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
36	A-36	Silver Label	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
37	A-37	Black Foam Pad	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
38	A-38	Black Rubber Strip	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
39	A-39	Yellow Tape	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
40	A-40	Blue Plastic Film	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
41	A-41	Aluminum Shell	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
42	A-42	Silver Foil	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
DIBP									
		N.D.							
		N.D.							
		N.D.							
		N.D.							
43	A-43	Copper Foil	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
DIBP									
		N.D.							
		N.D.							
		N.D.							
		N.D.							
44	A-44	White Plastic Film	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
DIBP									
		N.D.							
		N.D.							
		N.D.							
		N.D.							



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
45	A-45	Electrolyte	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs				N.D.	
				DBP				N.D.	
				BBP				N.D.	
				DEHP				N.D.	
				DIBP				N.D.	
46	A-46	Electrode	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
47	A-47	IC	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs				N.D.	
				DBP				N.D.	
				BBP				N.D.	
				DEHP				N.D.	
				DIBP				N.D.	
48	A-48	IC	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs				N.D.	
				DBP				N.D.	
				BBP				N.D.	
				DEHP				N.D.	
				DIBP				N.D.	



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
49	A-49	Silver Metal Sheet	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
50	A-50	PCB Board	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
		N.D.							
		N.D.							
		N.D.							
		N.D.							
51	A-51	Black Plastic	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
		N.D.							
		N.D.							
		N.D.							
		N.D.							
52	A-52	LED Baffle	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
		N.D.							
		N.D.							
		N.D.							
		N.D.							





No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
53	A-53	Gold Metal Pin	Metal	Pb	D	/	#1.5×10 <sup>4</sup>	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
54	A-54	Spring	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
55	A-55	Black Foam	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
		N.D.							
		N.D.							
		N.D.							
		N.D.							
56	A-56	Silver Metal Shell	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
57	A-57	Magnet	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
58	A-58	Copper Coil	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
DIBP									
59	A-59	PCB	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
DIBP									
60	A-60	Black Soft Rubber Cover	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
DIBP									



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
61	A-61	Lens Glass	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs				N.D.	
				DBP				N.D.	
				BBP				N.D.	
				DEHP				N.D.	
				DIBP				N.D.	
62	A-62	Black Plastic	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs				N.D.	
				DBP				N.D.	
				BBP				N.D.	
				DEHP				N.D.	
				DIBP				N.D.	
63	A-63	Silver Metal Shell	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
64	A-64	Silvery Metal	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
65	A-65	Black Plastic	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs				N.D.	
				DBP				N.D.	
				BBP				N.D.	
				DEHP				N.D.	
				DIBP				N.D.	
66	A-66	Silver Metal Connector	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
67	A-67	IC	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs				N.D.	
				DBP				N.D.	
				BBP				N.D.	
				DEHP				N.D.	
				DIBP				N.D.	
68	A-68	Crystal Oscillator	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs				N.D.	
				DBP				N.D.	
				BBP				N.D.	
				DEHP				N.D.	
				DIBP				N.D.	



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
69	A-69	IC	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP				N.D.	
				BBP				N.D.	
				DEHP				N.D.	
				DIBP				N.D.	
70	A-70	IC	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP				N.D.	
				BBP				N.D.	
				DEHP				N.D.	
				DIBP				N.D.	
71	A-71	Triode	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP				N.D.	
				BBP				N.D.	
				DEHP				N.D.	
				DIBP				N.D.	
72	A-72	Inductance	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP				N.D.	
				BBP				N.D.	
				DEHP				N.D.	
				DIBP				N.D.	



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
73	A-73	LED	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
DIBP		N.D.							
74	A-74	Capacitor	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
DIBP		N.D.							
75	A-75	Chip Capacitor	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
DIBP		N.D.							
76	A-76	Chip Resistor	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
DIBP		N.D.							



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
77	A-77	Tin Solder	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
78	A-78	PCB Board	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
79	A-79	Key switch	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
80	A-80	Tin Solder	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
81	A-81	PCB	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
DIBP		N.D.							
82	A-82	Black Plastic	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	D				
				Br	P				
				Cr <sup>6+</sup>		N.D.			
				PBBs		N.D.			
				PBDEs					
				DBP					
				BBP					
				DEHP					
DIBP									
83	A-83	Label	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
DIBP		N.D.							
84	A-84	LED Baffle	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
DIBP		N.D.							





No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion	
				Element	Data	UV-Vis	ICP-OES	GC-MS		
85	A-85	Spherical Glass	Composite	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	P					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						N.D.
				BBP						N.D.
				DEHP						N.D.
				DIBP						N.D.
86	A-86	Silver Metal Shell	Metal	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	D					
				Br	/					
				Cr <sup>6+</sup>						Negative
				PBBs						
				PBDEs						
				DBP						
				BBP						
				DEHP						
				DIBP						
87	A-87	Black Plastic Shell	Polymer	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	P					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						N.D.
				BBP						N.D.
				DEHP						N.D.
				DIBP						N.D.
88	A-88	Lens Glass	Composite	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	P					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						N.D.
				BBP						N.D.
				DEHP						N.D.
				DIBP						N.D.



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion	
				Element	Data	UV-Vis	ICP-OES	GC-MS		
89	A-89	Black Rubber Pad	Polymer	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	P					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						N.D.
				BBP						N.D.
				DEHP						N.D.
				DIBP						N.D.
90	A-90	IC	Composite	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	P					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						N.D.
				BBP						N.D.
				DEHP						N.D.
				DIBP						N.D.
91	A-91	IC	Composite	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	P					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						N.D.
				BBP						N.D.
				DEHP						N.D.
				DIBP						N.D.
92	A-92	IC	Composite	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	P					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						N.D.
				BBP						N.D.
				DEHP						N.D.
				DIBP						N.D.



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
93	A-93	IC	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
94	A-94	Capacitor	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
95	A-95	LED	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
96	A-96	LED	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
97	A-97	Chip Capacitor	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs				N.D.	
				DBP				N.D.	
				BBP				N.D.	
				DEHP				N.D.	
				DIBP				N.D.	
98	A-98	Tin Solder	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
99	A-99	PCB Board	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs				N.D.	
				DBP				N.D.	
				BBP				N.D.	
				DEHP				N.D.	
				DIBP				N.D.	
100	A-100	Silvery Metal	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
101	A-101	LED	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
102	A-102	Baseband	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	D				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
103	A-103	Silver Metal Sheet	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	D				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
104	A-104	(Camera) Black Cushion	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
105	A-105	(Camera) Silver Metal Shell	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
106	A-106	(Camera) Black Plastic	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
107	A-107	(Camera) Glass	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
108	A-108	(Camera) Black Metal	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	D				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion	
				Element	Data	UV-Vis	ICP-OES	GC-MS		
109	A-109	(Camera) Black Rubber Pad	Polymer	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	P					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						N.D.
				BBP						N.D.
				DEHP						N.D.
				DIBP						N.D.
110	A-110	(Camera) Copper Coil	Metal	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	/					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						
				BBP						
				DEHP						
				DIBP						
111	A-111	(Camera) Photochromic Glass	Composite	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	P					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						N.D.
				BBP						N.D.
				DEHP						N.D.
				DIBP						N.D.
112	A-112	(Camera) Glass	Composite	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	P					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						N.D.
				BBP						N.D.
				DEHP						N.D.
				DIBP						N.D.



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion	
				Element	Data	UV-Vis	ICP-OES	GC-MS		
113	A-113	(Camera) PCB Board	Composite	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	P					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						N.D.
				BBP						N.D.
				DEHP						N.D.
				DIBP						N.D.
114	A-114	Baseband	Composite	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	P					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						N.D.
				BBP						N.D.
				DEHP						N.D.
				DIBP						N.D.
115	A-115	Black Glue	Polymer	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	P					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						N.D.
				BBP						N.D.
				DEHP						N.D.
				DIBP						N.D.
116	A-116	Silver Metal Cover	Metal	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	/					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						
				BBP						
				DEHP						
				DIBP						





No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion	
				Element	Data	UV-Vis	ICP-OES	GC-MS		
117	A-117	LED	Composite	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	P					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						N.D.
				BBP						N.D.
				DEHP						N.D.
				DIBP						N.D.
118	A-118	RF Interface	Composite	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	D					
				Br	P					
				Cr <sup>6+</sup>						N.D.
				PBBs						
				PBDEs						
				DBP						N.D.
				BBP						N.D.
				DEHP						N.D.
				DIBP						N.D.
119	A-119	(Ribbon Cable Interface) Black Plastic	Polymer	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	P					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						N.D.
				BBP						N.D.
				DEHP						N.D.
				DIBP						N.D.
120	A-120	(Ribbon Cable Interface)Gold Metal	Metal	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	/					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						
				BBP						
				DEHP						
				DIBP						



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
121	A-121	IC	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
122	A-122	IC	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
123	A-123	IC	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
124	A-124	IC	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
125	A-125	IC	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
126	A-126	IC	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
127	A-127	IC	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
128	A-128	IC	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	D				
				Br	P				
				Cr <sup>6+</sup>		N.D.			
				PBBs		N.D.			
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
129	A-129	Inductance	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	D				
				Br	P				
				Cr <sup>6+</sup>		N.D.			
				PBBs					
				PBDEs					
				DBP		N.D.			
				BBP		N.D.			
				DEHP		N.D.			
				DIBP		N.D.			
130	A-130	IC	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP		N.D.			
				BBP		N.D.			
				DEHP		N.D.			
				DIBP		N.D.			
131	A-131	IC	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP		N.D.			
				BBP		N.D.			
				DEHP		N.D.			
				DIBP		N.D.			
132	A-132	Inductance	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP		N.D.			
				BBP		N.D.			
				DEHP		N.D.			
				DIBP		N.D.			



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
133	A-133	Inductance	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	D				
				Br	P				
				Cr <sup>6+</sup>		N.D.			
				PBBs					
				PBDEs					
				DBP		N.D.			
				BBP		N.D.			
				DEHP		N.D.			
				DIBP		N.D.			
134	A-134	Triode	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP		N.D.			
				BBP		N.D.			
				DEHP		N.D.			
				DIBP		N.D.			
135	A-135	Diode	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP		N.D.			
				BBP		N.D.			
				DEHP		N.D.			
				DIBP		N.D.			
136	A-136	Crystal Oscillator	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP		N.D.			
				BBP		N.D.			
				DEHP		N.D.			
				DIBP		N.D.			



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
137	A-137	Inductance	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP				N.D.	
				BBP				N.D.	
				DEHP				N.D.	
				DIBP				N.D.	
138	A-138	Resistance	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP				N.D.	
				BBP				N.D.	
				DEHP				N.D.	
				DIBP				N.D.	
139	A-139	Capacitor	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP				N.D.	
				BBP				N.D.	
				DEHP				N.D.	
				DIBP				N.D.	
140	A-140	LED	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP				N.D.	
				BBP				N.D.	
				DEHP				N.D.	
				DIBP				N.D.	



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion	
				Element	Data	UV-Vis	ICP-OES	GC-MS		
141	A-141	Chip Capacitor	Composite	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	P					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						N.D.
				BBP						N.D.
				DEHP						N.D.
				DIBP						N.D.
142	A-142	Chip Resistor	Composite	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	P					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						N.D.
				BBP						N.D.
				DEHP						N.D.
				DIBP						N.D.
143	A-143	LED	Composite	Pb	P	/	/	/	Pass	
				Cd	P					
				Hg	P					
				Cr	D					
				Br	P					
				Cr <sup>6+</sup>		N.D.				
				PBBs						
				PBDEs						
				DBP		N.D.				
				BBP		N.D.				
				DEHP		N.D.				
				DIBP		N.D.				
144	A-144	Tin Solder	Metal	Pb	D	/	129	/	Pass	
				Cd	P					
				Hg	P					
				Cr	P					
				Br	/					
				Cr <sup>6+</sup>						
				PBBs						
				PBDEs						
				DBP						
				BBP						
				DEHP						
				DIBP						



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
145	A-145	PCB Board	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
146	A-146	Black Wire Jacket	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
147	A-147	Silver Metal Core	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
148	A-148	Gold Metal Socket	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					





No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
149	A-149	Screen Glass	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP				N.D.	
				BBP				N.D.	
				DEHP				N.D.	
				DIBP				N.D.	
150	A-150	White Plastic Frame	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP				N.D.	
				BBP				N.D.	
				DEHP				N.D.	
				DIBP				N.D.	
151	A-151	Reflecting Film	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP				N.D.	
				BBP				N.D.	
				DEHP				N.D.	
				DIBP				N.D.	
152	A-152	X-Jacket	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP				N.D.	
				BBP				N.D.	
				DEHP				N.D.	
				DIBP				N.D.	



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
153	A-153	Back Reflective Film	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
154	A-154	Transparent Plastic	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
155	A-155	Reflective Film	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
156	A-156	Reflective Glass	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
157	A-157	LED	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
158	A-158	Black Adhesive Tape	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
159	A-159	IC	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
160	A-160	IC	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>				N.D.	
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
161	A-161	Baseband	Composite	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	D				
				Br	P				
				Cr <sup>6+</sup>		N.D.			
				PBBs					
				PBDEs					
				DBP		N.D.			
				BBP		N.D.			
				DEHP		N.D.			
				DIBP		N.D.			
162	A-162	LED Baffle	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP		N.D.			
				BBP		N.D.			
				DEHP		N.D.			
				DIBP		N.D.			
163	A-163	White Flexible Glue	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP		N.D.			
				BBP		N.D.			
				DEHP		N.D.			
				DIBP		N.D.			
164	A-164	Black Plastic Key	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP		N.D.			
				BBP		N.D.			
				DEHP		N.D.			
				DIBP		N.D.			



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
165	A-165	Silver Metal Dust Mesh	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
166	A-166	Silvery Metal	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
167	A-167	Magnet	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
168	A-168	Copper Coil	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
169	A-169	Silvery Metal	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	D				
				Br	/				
				Cr <sup>6+</sup>		Negative			
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
170	A-170	Black Plastic	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP		N.D.			
				BBP		N.D.			
				DEHP		N.D.			
				DIBP		N.D.			
171	A-171	Gold Metal Pin	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	D				
				Br	/				
				Cr <sup>6+</sup>		Negative			
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
172	A-172	Copper Nut	Metal	Pb	D	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					



No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
173	A-173	Aluminum Plate	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	D				
				Br	/				
				Cr <sup>6+</sup>		Negative			
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
174	A-174	Black Plastic Frame	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP		N.D.			
				BBP		N.D.			
				DEHP		N.D.			
				DIBP		N.D.			
175	A-175	Black Soft Rubber Ring	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP		N.D.			
				BBP		N.D.			
				DEHP		N.D.			
				DIBP		N.D.			
176	A-176	Red Wire Jacket	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP		N.D.			
				BBP		N.D.			
				DEHP		N.D.			
				DIBP		N.D.			

No.	Sample No.	Sample Description	Sample Material	X-ray Screening		chemical test			Conclusion
				Element	Data	UV-Vis	ICP-OES	GC-MS	
177	A-177	Blue Wire Jacket	Polymer	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	P				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					
178	A-178	Silver Metal Core	Metal	Pb	P	/	/	/	Pass
				Cd	P				
				Hg	P				
				Cr	P				
				Br	/				
				Cr <sup>6+</sup>					
				PBBs					
				PBDEs					
				DBP					
				BBP					
				DEHP					
				DIBP					

**Remark:**

(1) mg/kg=ppm

(2) N.D. = Not Detected (< MDL);

(3)"/"= Not Conducted

(4)MDL = Method Detection Limit

(5) <sup>^</sup>= a. The sample is negative for Cr<sup>6+</sup> - the Cr<sup>6+</sup> concentration is below the limit 0.10ug/cm<sup>2</sup>. The coating is considered a non-Cr<sup>6+</sup> based coating.

b. The sample positive for Cr<sup>6+</sup> if the Cr<sup>6+</sup> concentration is greater than 0.13ug/cm<sup>2</sup>. The sample coating is considered to contain Cr<sup>6+</sup>.

c. The result between 0.10ug/cm<sup>2</sup> and 0.13ug/cm<sup>2</sup> is considered to be inconclusive unavoidable coating variations may influence the determination.

(6)# = Lead in copper alloy containing up to 4% lead by weight. The item is exempted from the requirements of the item 6(c) in ANNEX III, (Directive 2011/65/EU).



## Annex A Photographs of the EUT











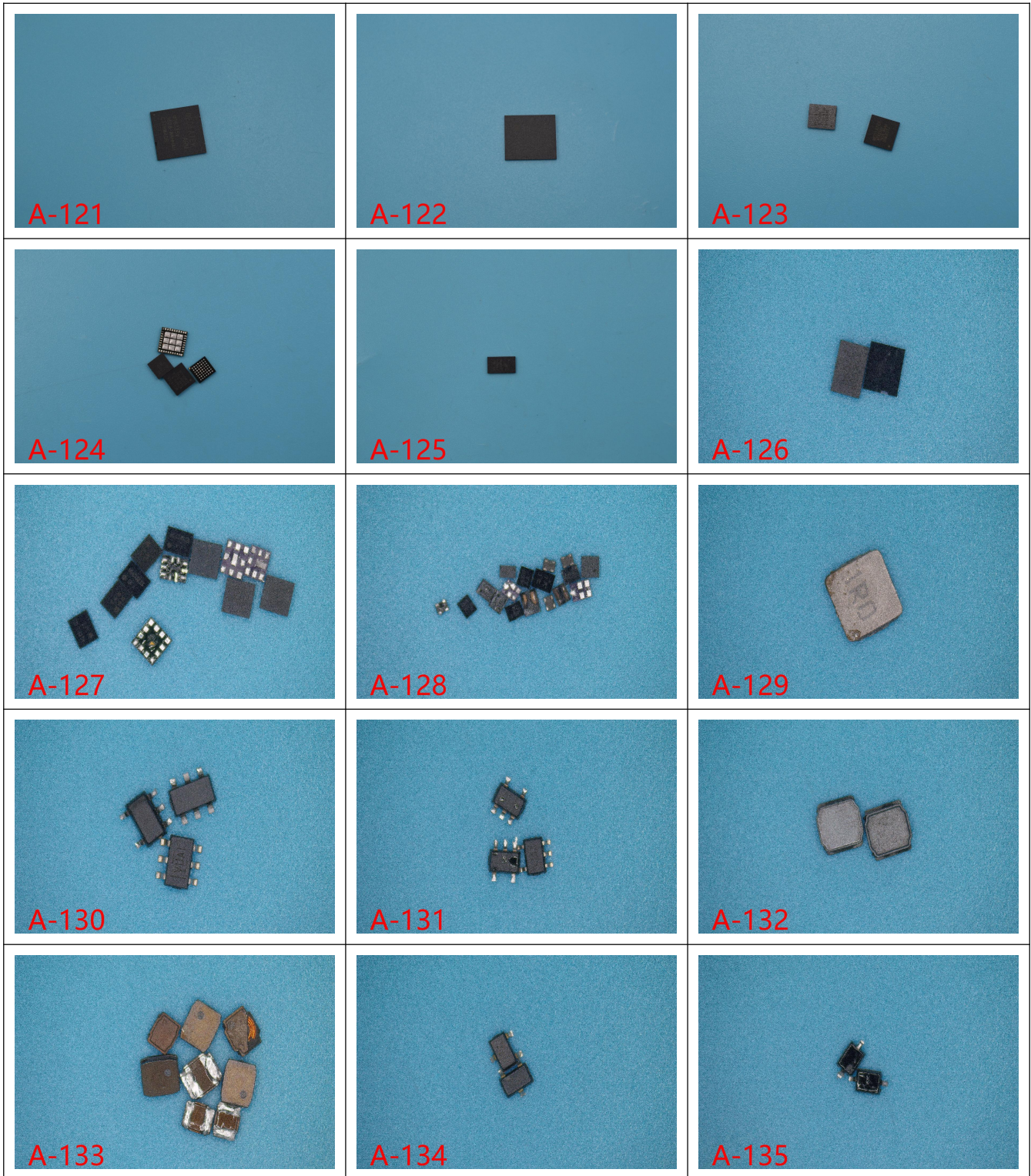






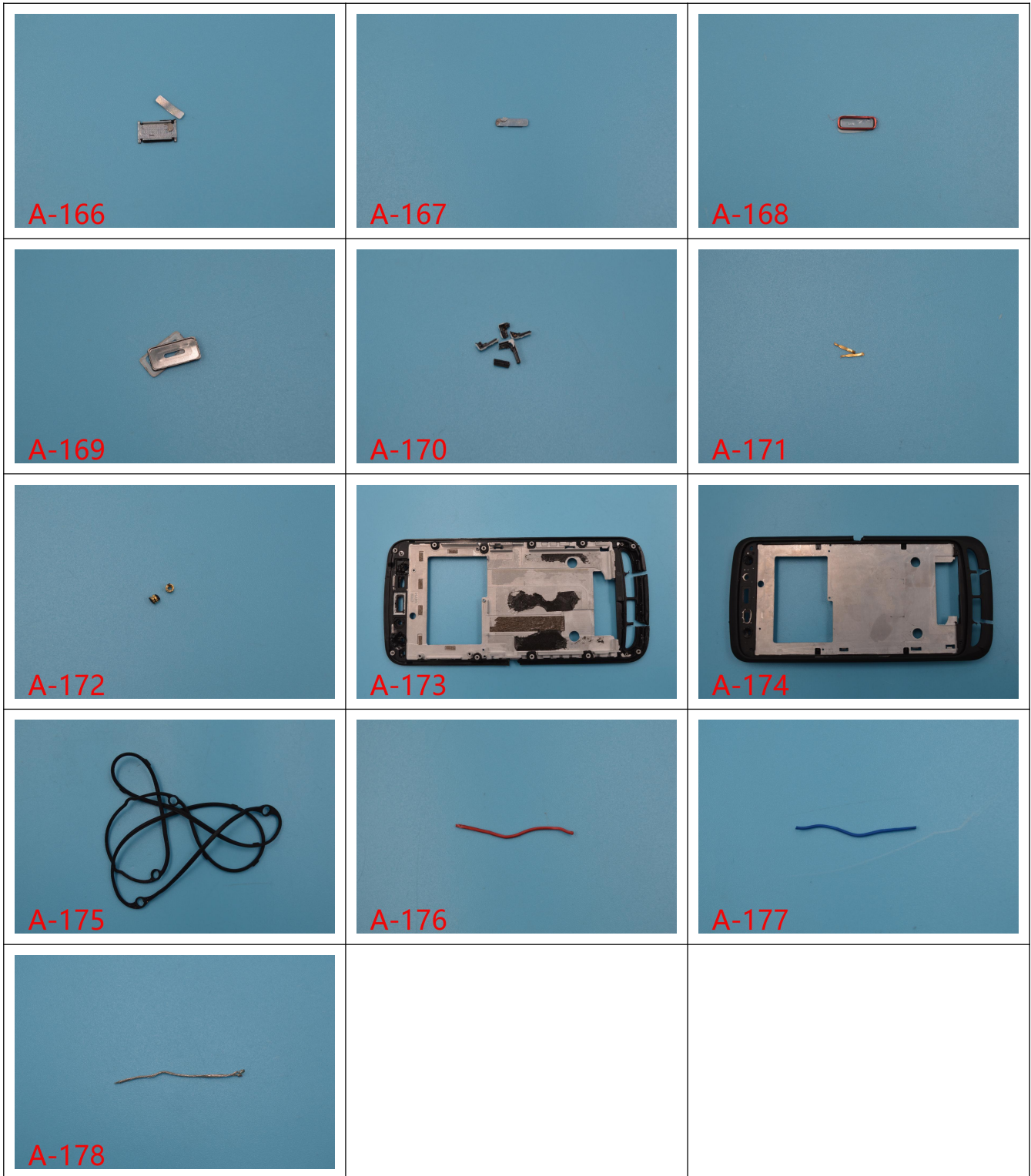












## Annex B General Information

### 1.1 Identification of the Responsible Testing Laboratory

<b>Laboratory Name:</b>	Shenzhen Morlab Communications Technology Co., Ltd. Morlab Laboratory
<b>Laboratory Address:</b>	FL1-3, Building A, FeiYang Science Park, No.8 LongChang Road, Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China
<b>Telephone:</b>	+86 755 36698555
<b>Facsimile:</b>	+86 755 36698525

### 1.2 Identification of the Responsible Testing Location

<b>Name:</b>	Shenzhen Morlab Communications Technology Co., Ltd. Morlab Laboratory
<b>Address:</b>	FL1-3, Building A, FeiYang Science Park, No.8 LongChang Road, Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China

### 1.3 Test Equipments Utilized

No.	Equipment Name	Serial No.	Type	Manufacturer	Cal.Date	Cal.Due Date
1	X-Ray Fluorescence Spectroscopy(XRF)	0102	EDX-1800B	Skyray	2019.04.10	2020.04.09
2	gas chromatograph-mass spectrometer (GC-MS)	CN10617090	6890-5975I	Agilent	2019.04.10	2020.04.09
3	Visible Spectrophotometer	723S18011	DP-733S	Delp	2018.09.06	2019.09.05
4	IPC-OES	842320072001	iCAP7200	Thermo	2019.04.10	2020.04.09

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