



RoHS TEST REPORT

Applicant : Shenzhen Chainway Information Technology Co.,Ltd.

Product name : Mobile Data Terminal

Model name : C71

Trade name : CHAINWAY

Brand name : CHAINWAY

Test request : As required client, based on the RoHS Directive 2011/65/EU and amended by (EU) 2015/863, to determine the total Content of Lead, Cadmium, Mercury, Chromium VI, Polybrominated Diphenyls, Polybrominated Diphenyl Ethers in the submitted samples

Issue date : 2017-10-12

SHENZHEN MORLAB COMMUNICATIONS TECHNOLOGY Co., Ltd.

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Test Report Declaration

Applicant	Shenzhen Chainway Information Technology Co.,Ltd.
Applicant Address	9/F, Building 2, Daqian Industrial Park, Longchang Rd., District 67, Bao'an, Shenzhen
Manufacturer	Shenzhen Chainway Information Technology Co.,Ltd.
Manufacturer Address	9/F, Building 2, Daqian Industrial Park, Longchang Rd., District 67, Bao'an, Shenzhen
Product Name	Mobile Data Terminal
Model Name	C71
Test Standard	IEC 62321-3-1: 2013, IEC 62321-5: 2013, IEC 62321-4: 2013, IEC62321-7-1:2015, IEC 62321-6: 2015, IEC 62321-7-2:2017
Test Date	2017-09-11 to 2017-10-11
Test Conclusion	Based on the verification results of the submitted samples, the results comply with the limits as set by RoHS Directive 2011/65/EU

Tested by : Liu Rui
Liu Rui(Test engineer)

Approved by : Xiaoshan Ni
Xiaoshan Ni (Supervisor)



1. Technical Information

Note: Provided by applicant

1.1. Applicant Information

Company: Shenzhen Chainway Information Technology Co.,Ltd.
Address: 9/F, Building 2, Daqian Industrial Park, Longchang Rd., District 67, Bao'an,
Shenzhen

1.2. Equipment under Test (EUT) Description

Brand Name:	CHAINWAY
Trade Name:	CHAINWAY
Model Name:	C71

2. Component Description

Part No.	Sample No.	Sample Description	Sample Material
1	A	Mobile Data Terminal	
2	A-1	SCREW	METAL
3	A-2	BACK COVER	
4	A-2-1	BLACK PLASTIC	POLYMER
5	A-2-2	BLACK RUBBER	METAL
6	A-2-3	BLACK LABEL	COMPOSITE
7	A-2-4	CEMARA PROTECTIVE PLATE	POLYMER
8	A-2-5	ALUMINUM DECORATIVE SHEET	METAL
9	A-2-6	SCAN LENS PROTECTIVE SHEET	POLYMER
10	A-2-7	PURPLE BUTTON	POLYMER
11	A-2-8	GRAY BUTTON	POLYMER



Part No.	Sample No.	Sample Description	Sample Material
12	A-2-9	BLACK WATERPOOF RUBBER	POLYMER
13	A-2-10	SPEAKER PROTECTIVE FILM	POLYMER
14	A-2-11	SILVER SCREW	METAL
15	A-2-12	YELLOW METAL	METAL
16	A-2-13	YELLOW NUT	METAL
17	A-2-14	SILVER METAL	METAL
18	A-2-15	GLASS	COMPOSITE
19	A-2-16	IC	COMPOSITE
20	A-2-17	IC	COMPOSITE
21	A-2-18	IC	COMPOSITE
22	A-2-19	IC	COMPOSITE
23	A-2-20	CRYSTAL OSCILLATOR	COMPOSITE
24	A-2-21	AUDION	COMPOSITE
25	A-2-22	SMD CAPACITOR	COMPOSITE
26	A-2-23	SMD RESISTOR	COMPOSITE
27	A-2-24	BLACK GLUE	COMPOSITE
28	A-2-25	PCB	COMPOSITE
29	A-3	SPEAKER	
30	A-3-1	BLACK PLASTIC	POLYMER
31	A-3-2	SILVER METAL	METAL
32	A-3-3	SILVER MAGNET	METAL
33	A-3-4	RED COIL	METAL



Part No.	Sample No.	Sample Description	Sample Material
34	A-3-5	PAPER	COMPOSITE
35	A-3-6	TRANSPARENT FILM	POLYMER
36	A-3-7	METAL PIN	METAL
37	A-4	BLACK PLASTIC	POLYMER
38	A-5	SILVER SCREW	METAL
39	A-6	YELLOW METAL PIN	METAL
40	A-7	SILVER METAL	METAL
41	A-8	BASEBAND	COMPOSITE
42	A-9	LED COMPONET	
43	A-9-1	LED MAIN BODY	COMPOSITE
44	A-9-2	LED METAL PIN	METAL
45	A-9-3	RED WIRE SHEATH	POLYMER
46	A-9-4	BLACK WIRE SHEATH	POLYMER
47	A-9-5	SILVER WIRE	METAL
48	A-10	SENSOR COMPONENT	
49	A-10-1	IC	COMPOSITE
50	A-10-2	BASEBAND	COMPOSITE
51	A-10-3	SILVER METAL	METAL
52	A-11	BLACK SPONGE	COMPOSITE
53	A-12	MOTOR	
54	A-12-1	BLACK SPONGE	COMPOSITE
55	A-12-2	SILVER METAL	METAL



Part No.	Sample No.	Sample Description	Sample Material
56	A-12-3	SILVER MAGNET	METAL
57	A-12-4	WHITE PLASTIC	POLYMER
58	A-12-5	PCB	COMPOSITE
59	A-12-6	SILVER METAL	METAL
60	A-12-7	COPPER COIL	METAL
61	A-12-8	COPPER METAL	METAL
62	A-12-9	RED WIRE SHEATH	POLYMER
63	A-12-10	BLUE WIRE SHEATH	POLYMER
64	A-12-11	SILVER WIRE	METAL
65	A-12-12	BASEBAND	COMPOSITE
66	A-12-13	WHITE PLASTIC	POLYMER
67	A-12-14	SILVER METAL PIN	METAL
68	A-13	SCAN COMPONENT	
69	A-13-1	BLACK FILM	POLYMER
70	A-13-2	SILVER METAL	METAL
71	A-13-3	TRANSPARENT PLASTIC	POLYMER
72	A-13-4	LABEL	COMPOSITE
73	A-13-5	PC INTERFACE BLACK PLASTIC	POLYMER
74	A-13-6	PC INTERFACE WHITE PLASTIC	POLYMER
75	A-13-7	PC INTERFACE METAL PIN	METAL
76	A-13-8	CAMERA BLACK PLASTIC	POLYMER
77	A-13-9	CAMERA TRANSPARENT PLASTIC	POLYMER



Part No.	Sample No.	Sample Description	Sample Material
78	A-13-10	CAMERA GLASS	COMPOSITE
79	A-13-11	IC	COMPOSITE
80	A-13-12	IC	COMPOSITE
81	A-13-13	IC	COMPOSITE
82	A-13-14	IC	COMPOSITE
83	A-13-15	INDUCTOR	COMPOSITE
84	A-13-16	CAPACITOR	COMPOSITE
85	A-13-17	PCB	COMPOSITE
86	A-14	SIM CARD MODULE	
87	A-14-1	SIM CARD SLOTSILVER METAL	METAL
88	A-14-2	SIM CARD SLOTSILVER METAL	METAL
89	A-14-3	SIM CARD SLOTBLACK PLASTIC	POLYMER
90	A-14-4	IC	COMPOSITE
91	A-14-5	MICROPHONE	COMPOSITE
92	A-14-6	AUDION	COMPOSITE
93	A-14-7	DIODE	COMPOSITE
94	A-14-8	IC	COMPOSITE
95	A-14-9	PC INTERFACE BLACK PLASTIC	POLYMER
96	A-14-10	PC INTERFACE GRAY PLASTIC	POLYMER
97	A-14-11	METAL PIN	METAL
98	A-14-12	SMD CAPACITOR	COMPOSITE
99	A-14-13	SMD RESISTOR	COMPOSITE



Part No.	Sample No.	Sample Description	Sample Material
100	A-14-14	SILVER SHIELDING COVER	METAL
101	A-14-15	METAL TOUCH SPOT	METAL
102	A-14-16	PCB	COMPOSITE
103	A-15	FRONT SCREEN MODULE	
104	A-15-1	TOUCH GLASS	COMPOSITE
105	A-15-2	DISPLAY SCREEN GLASS	COMPOSITE
106	A-15-3	WHITE PLASTIC FRAME	POLYMER
107	A-15-4	TRANSPARENT PLASTIC	POLYMER
108	A-15-5	REFLECTIVE FILM	POLYMER
109	A-15-6	TRANSPARENT FILM	POLYMER
110	A-15-7	SILVER DECORATIVE SHEET	POLYMER
111	A-15-8	LED	COMPOSITE
112	A-15-9	IC	COMPOSITE
113	A-15-10	IC	COMPOSITE
114	A-15-11	CAPACITOR	COMPOSITE
115	A-15-12	BASEBAND	COMPOSITE
116	A-15-13	SILVER METAL	METAL
117	A-15-14	BLACK GLUE	COMPOSITE
118	A-16	MESOCHITE	
119	A-16-1	ALUMINUM COVER	METAL
120	A-16-2	BLACK PLASTIC	POLYMER
121	A-16-3	RUBBER BUTTON	POLYMER



Part No.	Sample No.	Sample Description	Sample Material
122	A-16-4	COPPER NUT	METAL
123	A-16-5	BLACK GLUE	COMPOSITE
124	A-16-6	TRANSPARENT PLASTIC	POLYMER
125	A-16-7	BLACK SPONGE PAD	COMPOSITE
126	A-16-8	CONDUCTIVE GLUE	COMPOSITE
127	A-16-9	BASEBAND	COMPOSITE
128	A-16-10	BLACK RUBBER MAT	POLYMER
129	A-17	CAMERA	
130	A-17-1	BLACK RUBBER	POLYMER
131	A-17-2	SILVER METAL COVER	METAL
132	A-17-3	BLACK PLASTIC	POLYMER
133	A-17-4	TRANSPARENT PLASTIC	POLYMER
134	A-17-5	COPPER COIL	METAL
135	A-17-6	GLASS	COMPOSITE
136	A-17-7	PCB	COMPOSITE
137	A-17-8	BASEBAND	COMPOSITE
138	A-17-9	SILVER METAL	METAL
139	A-18	SPEAKER	
140	A-18-1	SILVER METAL	METAL
141	A-18-2	WHITE FILM	POLYMER
142	A-18-3	COPPER METAL	METAL
143	A-18-4	BLACK PLASTIC	POLYMER



Part No.	Sample No.	Sample Description	Sample Material
144	A-18-5	COPPER COIL	METAL
145	A-18-6	SILVER METAL	METAL
146	A-18-7	MAGNET	METAL
147	A-19	RF LINE	
148	A-19-1	COPPER METAL	METAL
149	A-19-2	BLACK PLASTIC	POLYMER
150	A-19-3	BLACK WIRE SHEATH	POLYMER
151	A-19-4	SILVER WIRE	METAL
152	A-19-5	WHITE WIRE	METAL
153	A-20	INTERFACE PCB	
154	A-20-1	SILVER METAL	METAL
155	A-20-2	SILVER METAL	METAL
156	A-20-3	WHITE PLASTIC	POLYMER
157	A-20-4	BLACK PLASTIC	POLYMER
158	A-20-5	SILVER METAL PIN	METAL
159	A-20-6	MICROPHONE	COMPOSITE
160	A-20-7	PCB	COMPOSITE
161	A-21	BUTTON PCB	
162	A-21-1	TRANSPARENT FILM	POLYMER
163	A-21-2	SHRAPNEL	METAL
164	A-21-3	BLACK PLASTIC	POLYMER
165	A-21-4	RESISTOR	COMPOSITE



Part No.	Sample No.	Sample Description	Sample Material
166	A-21-5	COPPER METAL	METAL
167	A-21-6	PCB	COMPOSITE
168	A-22	MAIN PCB	
169	A-22-1	LABEL	COMPOSITE
170	A-22-2	SHIELDING COVER	METAL
171	A-22-3	SHIELDING COVER	METAL
172	A-22-4	SHIELDING COVER	METAL
173	A-22-5	LED	COMPOSITE
174	A-22-6	FLASHLIGHT	COMPOSITE
175	A-22-7	IC	COMPOSITE
176	A-22-8	IC	COMPOSITE
177	A-22-9	IC	COMPOSITE
178	A-22-10	IC	COMPOSITE
179	A-22-11	IC	COMPOSITE
180	A-22-12	IC	COMPOSITE
181	A-22-13	IC	COMPOSITE
182	A-22-14	WHITE INDUCTOR	COMPOSITE
183	A-22-15	INDUCTOR	COMPOSITE
184	A-22-16	INDUCTOR	COMPOSITE
185	A-22-17	INDUCTOR	COMPOSITE
186	A-22-18	INDUCTOR	COMPOSITE
187	A-22-19	CRYSTAL OSCILLATOR	COMPOSITE



Part No.	Sample No.	Sample Description	Sample Material
188	A-22-20	RESISTOR	COMPOSITE
189	A-22-21	RESISTOR	COMPOSITE
190	A-22-22	CAPACITOR	COMPOSITE
191	A-22-23	SMD RESISTOR	COMPOSITE
192	A-22-24	SMD CAPACITOR	COMPOSITE
193	A-22-25	AUDION	COMPOSITE
194	A-22-26	IC	COMPOSITE
195	A-22-27	IC	COMPOSITE
196	A-22-28	IC	COMPOSITE
197	A-22-29	IC	COMPOSITE
198	A-22-30	IC	COMPOSITE
199	A-22-31	IC	COMPOSITE
200	A-22-32	IC	COMPOSITE
201	A-22-33	IC	COMPOSITE
202	A-22-34	IC	COMPOSITE
203	A-22-35	CRYSTAL OSCILLATOR	COMPOSITE
204	A-22-36	BLUE CAPACITOR	COMPOSITE
205	A-22-37	INDUCTOR	COMPOSITE
206	A-22-38	INDUCTOR	COMPOSITE
207	A-22-39	INDUCTOR	COMPOSITE
208	A-22-40	DIODE	COMPOSITE
209	A-22-41	RESISTOR	COMPOSITE



Part No.	Sample No.	Sample Description	Sample Material
210	A-22-42	SOLDERING TIN	METAL
211	A-22-43	PCB	COMPOSITE
212	A-22-44	INTERFACE	METAL
213	A-22-45	BLACK PLASTIC	POLYMER
214	A-22-46	COPPER METAL	METAL
215	A-23	BATTERY	
216	A-23-1	YELLOW GLUE	COMPOSITE
217	A-23-2	BLACK RUBBER	POLYMER
218	A-23-3	BLACK PLASTIC	POLYMER
219	A-23-4	COPPER METAL	METAL
220	A-23-5	BASEPLATE	POLYMER
221	A-23-6	BASEBAND	COMPOSITE
222	A-23-7	IC	COMPOSITE
223	A-23-8	IC	COMPOSITE
224	A-23-9	SMD RESISTOR	COMPOSITE
225	A-23-10	SMD CAPACITOR	COMPOSITE
226	A-23-11	SOLDERING TIN	METAL
227	A-23-12	PCB	COMPOSITE
228	A-23-13	SILVER COVER	METAL
239	A-23-14	BLUE FILM	POLYMER
230	A-23-15	GREEN FILM	POLYMER
231	A-23-16	ALUMINUM FOIL	METAL



Part No.	Sample No.	Sample Description	Sample Material
232	A-23-17	COPPER FOIL	METAL
233	A-23-18	WHITE FILM	POLYMER
234	A-23-19	ELECTROLYTIC PAPER	COMPOSITE
235	A-23-20	ELECTRODE	METAL
236	A-24	FINGERPRINT MODULE	
237	A-24-1	BLACK PLASTIC COVER	POLYMER
238	A-24-2	BLACK SOPNGE MAT	COMPOSITE
239	A-24-3	TRANSPARENT GLUE	COMPOSITE
240	A-24-4	TRANSPARENT PLASTIC	POLYMER
241	A-24-5	WHITE PLASTIC	POLYMER
242	A-24-6	WHITE PLASTIC	POLYMER
243	A-24-7	TRANSPARENT PLASTIC	POLYMER
244	A-24-8	WHITE PLASTIC	POLYMER
245	A-24-9	COPPER METAL PIN	METAL
246	A-24-10	BLACK HEAT SHRINK TUBING	POLYMER
247	A-24-11	RED WIRE SHEATH	POLYMER
248	A-24-12	YELLOW WIRE SHEATH	POLYMER
249	A-24-13	GREEN WIRE SHEATH	POLYMER
250	A-24-14	BLUE WIRE SHEATH	POLYMER
251	A-24-15	BLACK WIRE SHEATH	POLYMER
252	A-24-16	WHITE WIRE SHEATH	POLYMER
253	A-24-17	SILVER WIRE	METAL



Part No.	Sample No.	Sample Description	Sample Material
254	A-24-18	LABEL	COMPOSITE
255	A-24-19	SHIELDING COVER	METAL
256	A-24-20	SHIELDING FRAME	METAL
257	A-24-21	BEIGE PLASTIC	POLYMER
258	A-24-22	SILVER METAL PIN	METAL
259	A-24-23	IC	COMPOSITE
260	A-24-24	IC	COMPOSITE
261	A-24-25	IC	COMPOSITE
262	A-24-26	IC	COMPOSITE
263	A-24-27	IC	COMPOSITE
264	A-24-28	IC	COMPOSITE
265	A-24-29	IC	COMPOSITE
266	A-24-30	IC	COMPOSITE
267	A-24-31	IC	COMPOSITE
268	A-24-32	GLASS LINES	COMPOSITE
269	A-24-33	LED	COMPOSITE
270	A-24-34	CRYSTAL OSCILLATOR	COMPOSITE
271	A-24-35	AUDION	COMPOSITE
272	A-24-36	BLACK CERAMIC INDUCTOR	COMPOSITE
273	A-24-37	FERRITE BEAD	COMPOSITE
274	A-24-38	CAPACITOR	COMPOSITE
275	A-24-39	CAPACITOR	COMPOSITE



Part No.	Sample No.	Sample Description	Sample Material
276	A-24-40	RESISTOR	COMPOSITE
277	A-24-41	SMT CAPACITOR	COMPOSITE
278	A-24-42	SMT RESISTOR	COMPOSITE
279	A-24-43	SOLDERING TIN	METAL
280	A-24-44	PCB	COMPOSITE
281	B	ADAPTOR	
282	B-1	BLACK PLASTIC COVER	POLYMER
283	B-2	BLACK PLASTIC	POLYMER
284	B-3	SILVER METAL	METAL
285	B-4	SOLDERING TIN	METAL
286	B-5	RED WIRE SHEATH	POLYMER
287	B-6	BLACK WIRE SHEATH	POLYMER
288	B-7	SILVER WIRE	METAL
289	B-8	WHITE RUBBER	POLYMER
290	B-9	BLACK PLASTIC	POLYMER
291	B-10	BLUE CAPACITOR	
292	B-10-1	MAIN BODY	COMPOSITE
293	B-10-2	METAL PIN	METAL
294	B-11	USB INTERFACE	
295	B-11-1	SILVER METAL	METAL
296	B-11-2	BLACK PLASTIC	POLYMER
297	B-11-3	COPPER PIN	METAL



Part No.	Sample No.	Sample Description	Sample Material
298	B-12	ELECTROLYTIC CAPACITOR	
299	B-12-1	SILVER COVER	METAL
300	B-12-2	RUBBER MAT	POLYMER
301	B-12-3	ELECTROLYTE	COMPOSITE
302	B-12-4	ELECTRODE	METAL
303	B-13	ELECTROLYTIC CAPACITOR	
304	B-13-1	BLACK SKIN	POLYMER
305	B-13-2	SILVER COVER	METAL
306	B-13-3	RUBBER MAT	POLYMER
307	B-13-4	ELECTROLYTE	COMPOSITE
308	B-13-5	ELECTRODE	METAL
309	B-14	COLOUR RING RESISTOR	
310	B-14-1	MAIN BODY	COMPOSITE
311	B-14-2	ELECTRODE	METAL
312	B-15	AUDION	
313	B-15-1	MAIN BODY	COMPOSITE
314	B-15-2	METAL PIN	METAL
315	B-16	INDUCTOR	
316	B-16-1	BLACK PLASTIC	POLYMER
317	B-16-2	BLACK PLASTIC	POLYMER
318	B-16-3	MAIN BODY	COMPOSITE
319	B-16-4	METAL PIN	METAL



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Part No.	Sample No.	Sample Description	Sample Material
320	B-17	TRANSFORMER	
321	B-17-1	BLACK PLASTIC	POLYMER
322	B-17-2	MAGNET	METAL
323	B-17-3	YELLOW GLUE TAPE	COMPOSITE
324	B-17-4	TRANSPARENT DRIVE PIPE	POLYMER
325	B-17-5	BLACK WIRE SHEATH	POLYMER
326	B-17-6	ENAMELLED WIRE	COMPOSITE
327	B-17-7	COPPER WIRE	METAL
328	B-17-8	METAL PIN	METAL
329	B-18	IC	COMPOSITE
330	B-19	IC	COMPOSITE
331	B-20	IC	COMPOSITE
332	B-21	DIODE	COMPOSITE
333	B-22	DIODE	COMPOSITE
334	B-23	INDUCTOR	COMPOSITE
335	B-24	RESISTOR	COMPOSITE
336	B-25	CAPACITOR	COMPOSITE
337	B-26	SOLDERING TIN	METAL
338	B-27	PCB	COMPOSITE
339	C	DATA LINE	
340	C-1	BLACK RUBBER	POLYMER
341	C-2	SILVER METAL	METAL



Part No.	Sample No.	Sample Description	Sample Material
342	C-3	BLACK PLASTIC	POLYMER
343	C-4	TRANSLUCENCE PLASTIC	POLYMER
344	C-5	COPPER METAL PIN	METAL
345	C-6	SOLDERING TIN	METAL
346	C-7	BLACK WIRE SHEATH	POLYMER
347	C-8	TIN FOIL	COMPOSITE
348	C-9	WHITE COTTON THREAD	COMPOSITE
349	C-10	RED WIRE SHEATH	POLYMER
350	C-11	GREEN WIRE SHEATH	POLYMER
351	C-12	RED WIRE SHEATH	POLYMER
352	C-13	SILVER WIRE	METAL
353	C-14	BLACK RUBBER	POLYMER
354	C-15	TRANSPARENT PLASTIC	POLYMER
355	C-16	SILVER METAL	METAL
356	C-17	BROWN PLASTIC	POLYMER
357	C-18	BLACK PLASTIC	POLYMER
358	C-19	LIGHT GREEN RUBBER	POLYMER
359	C-20	COPPER METAL PIN	METAL
360	C-21	SOLDERING TIN	METAL
361	C-22	PCB	COMPOSITE



3. Test Methods

3.1. 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.

3.2. Chemical Test

If XRF screening result is in the region of D, chemical test is used to determine the hazardous substances

Test item	Procedure	Apparatus	MDL
Hg	With reference to IEC 62321-4:2013	ICP-OES	2 mg/kg
Cd & Pb	With reference to IEC 62321-5:2013	ICP-OES	2 mg/kg
Cr ⁶⁺	With reference to IEC 62321-7-2:2017 (For Polymer and Electronics)	UV-VIS	2 mg/kg
	With reference to IEC 62321-7-1:2015 [▲] (For Plating on Metals)		0.1 ug/cm ²
PBBs & PBDEs	With reference to IEC 62321-6:2015	GC-MS	5 mg/kg

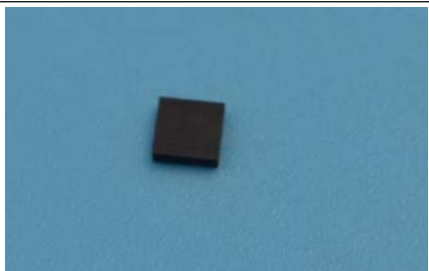
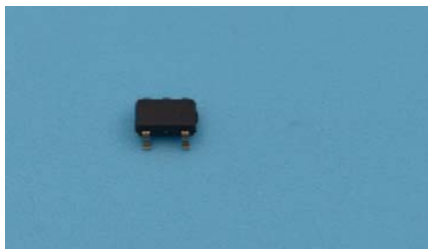
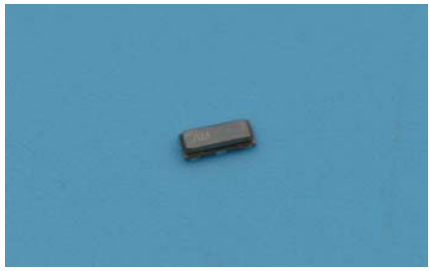
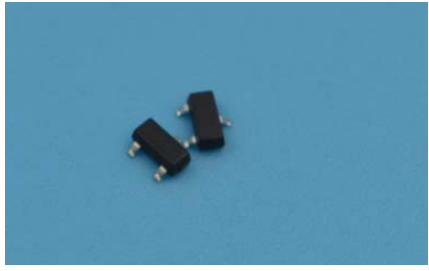
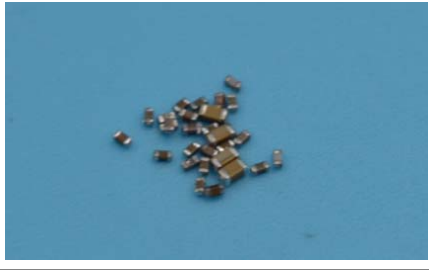

4. Test Results and Photographs of Sample

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

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
1	A-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	6.64×10 ⁴			
			Br	/			
			Cr ⁶⁺		N.D.		
			PBBs				
			PBDEs				
2	A-2-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
3	A-2-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
4	A-2-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
5	A-2-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
6	A-2-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				


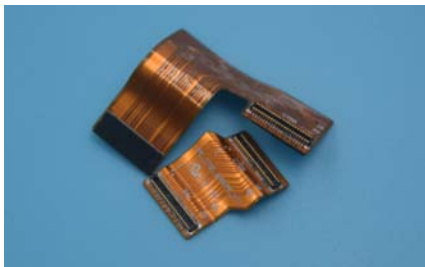



No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
7	A-2-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
8	A-2-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
9	A-2-8		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
10	A-2-9		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
11	A-2-10		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
12	A-2-11		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	1.83×10 ⁴			
			Br	/	N.D.		
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
13	A-2-12		Pb	1.59×10 ³	/	#2.93×10 ⁴	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
14	A-2-13		Pb	1.85×10 ³	/	#2.89×10 ⁴	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
15	A-2-14		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	1.11×10 ⁵			
			Br	/	N.D.		
			Cr ⁶⁺				
			PBBs				
			PBDEs				
16	A-2-15		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
17	A-2-16		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
18	A-2-17		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
19	A-2-18		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
20	A-2-19		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
21	A-2-20		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
22	A-2-21		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
23	A-2-22		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
24	A-2-23		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				






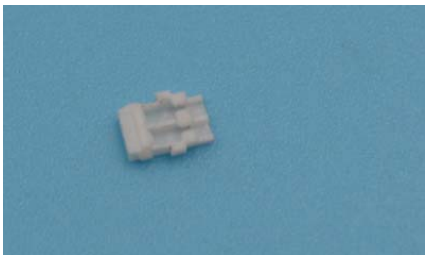
No.	Sample No.	Figure	X-ray Screening		chemical test				
			Element	Data	UV-Vis	ICP-OES	GC-MS		
25	A-2-24		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	N.D.					
			Cr ⁶⁺						
			PBBs						
			PBDEs						
26	A-2-25		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	N.D.					
			Cr ⁶⁺						
			PBBs						
			PBDEs						
27	A-3-1		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	N.D.					
			Cr ⁶⁺						
			PBBs						
			PBDEs						
28	A-3-2		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	2.92×10 ⁴					
			Br	/	N.D.				
			Cr ⁶⁺						
			PBBs						
			PBDEs						
29	A-3-3		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	/					
			Cr ⁶⁺						
			PBBs						
			PBDEs						
30	A-3-4		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	/					
			Cr ⁶⁺						
			PBBs						
			PBDEs						

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
31	A-3-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
32	A-3-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
33	A-3-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	4.01×10 ⁴			
			Br	/			
			Cr ⁶⁺		N.D.		
			PBBs				
			PBDEs				
34	A-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
35	A-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	8.69×10 ⁴			
			Br	/			
			Cr ⁶⁺		N.D.		
			PBBs				
			PBDEs				
36	A-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test				
			Element	Data	UV-Vis	ICP-OES	GC-MS		
37	A-7		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	/					
			Cr ⁶⁺						
			PBBs						
			PBDEs						
38	A-8		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	N.D.					
			Cr ⁶⁺						
			PBBs						
			PBDEs						
39	A-9-1		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	518.39					N.D.
			Cr ⁶⁺						
			PBBs						
			PBDEs	N.D.					
40	A-9-2		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	/					
			Cr ⁶⁺						
			PBBs						
			PBDEs						
41	A-9-3		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	N.D.					
			Cr ⁶⁺						
			PBBs						
			PBDEs						
42	A-9-4		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	N.D.					
			Cr ⁶⁺						
			PBBs						
			PBDEs						

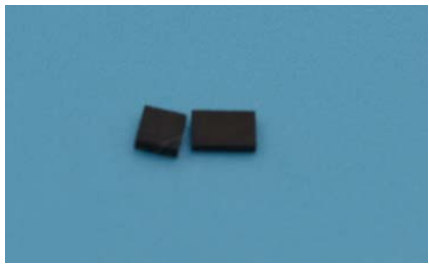
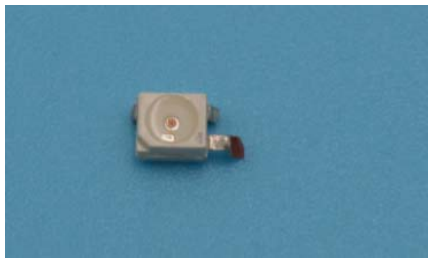
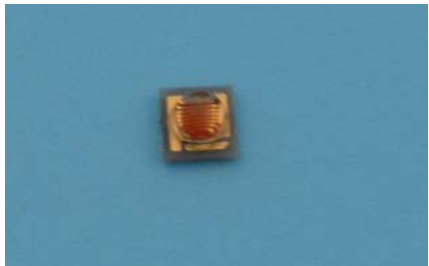
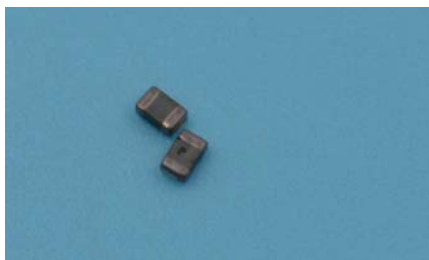
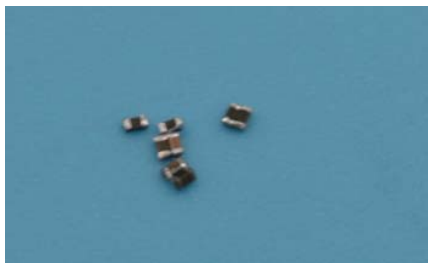
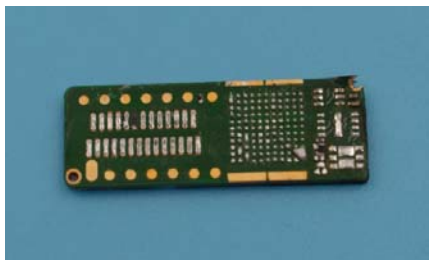
No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
43	A-9-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
44	A-10-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
45	A-10-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
46	A-10-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
47	A-11		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	2.21×10 ³			N.D.
			Cr ⁶⁺				
			PBBs				
			PBDEs				
48	A-12-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

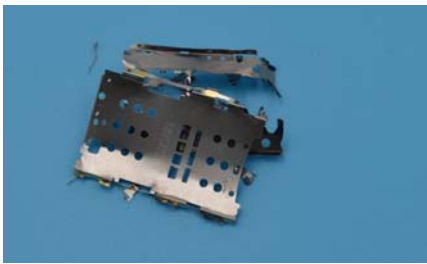


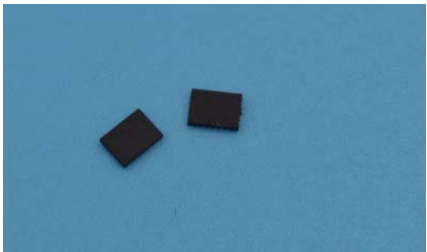
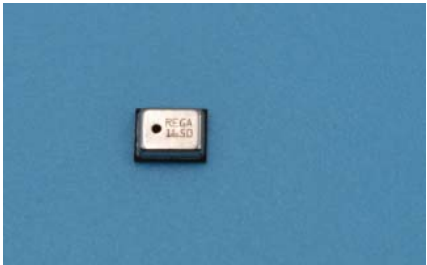
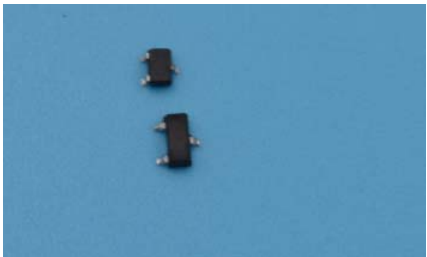
No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
49	A-12-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
50	A-12-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
51	A-12-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
52	A-12-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
53	A-12-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
54	A-12-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				



No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
55	A-12-8		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
56	A-12-9		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
57	A-12-10		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
58	A-12-11		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
59	A-12-12		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
60	A-12-13		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
61	A-12-14		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
62	A-13-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
63	A-13-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
64	A-13-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
65	A-13-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
66	A-13-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

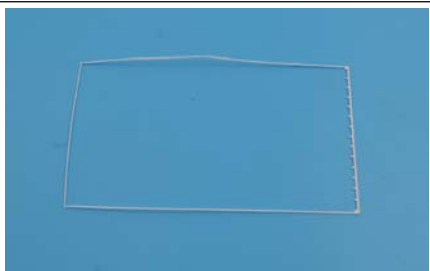


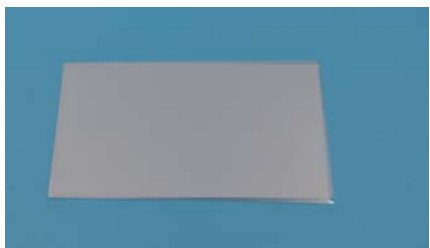


No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
67	A-13-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
68	A-13-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
69	A-13-8		Pb	N.D.			
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
70	A-13-9		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
71	A-13-10		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
72	A-13-11		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

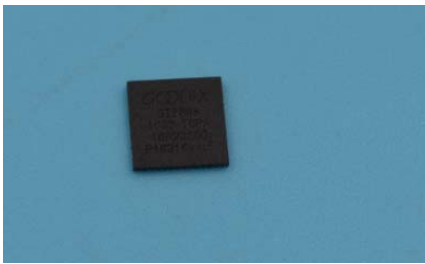


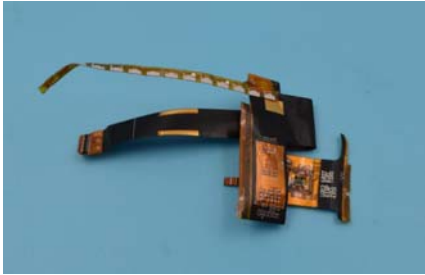
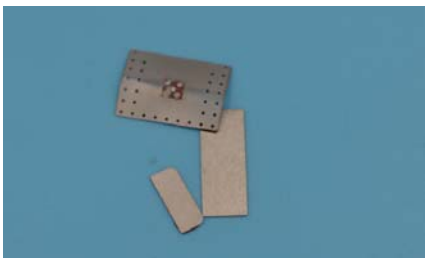

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
73	A-13-12		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
74	A-13-13		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
75	A-13-14		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	1.64×10 ³			N.D.
			Cr ⁶⁺				
			PBBs				
			PBDEs				
76	A-13-15		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
77	A-13-16		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
78	A-13-17		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				







No.	Sample No.	Figure	X-ray Screening		chemical test			
			Element	Data	UV-Vis	ICP-OES	GC-MS	
79	A-14-1		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	1.46×10 ⁵				
			Br	/				
			Cr ⁶⁺		N.D.			
			PBBs					
			PBDEs					
80	A-14-2		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	2.17×10 ⁴				
			Br	/				
			Cr ⁶⁺		N.D.			
			PBBs					
			PBDEs					
81	A-14-3		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
82	A-14-4		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
83	A-14-5		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
84	A-14-6		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
85	A-14-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
86	A-14-8		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
87	A-14-9		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
88	A-14-10		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
89	A-14-11		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
90	A-14-12		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
91	A-14-13		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
92	A-14-14		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
93	A-14-15		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
94	A-14-16		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
95	A-15-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
96	A-15-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

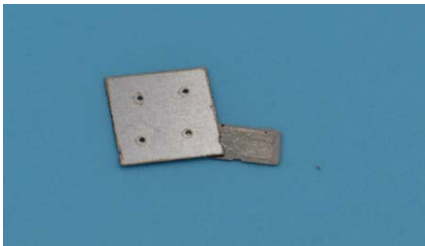

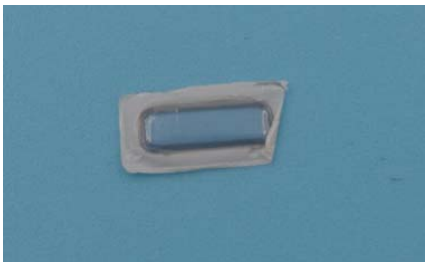



No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
97	A-15-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
98	A-15-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
99	A-15-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
100	A-15-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
101	A-15-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	357.27			
			Br	/			
			Cr ⁶⁺		N.D.		
			PBBs				
			PBDEs				
102	A-15-8		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

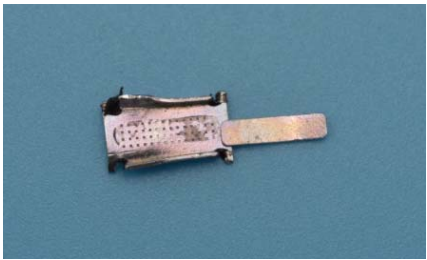





No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
103	A-15-9		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
104	A-15-10		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
105	A-15-11		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
106	A-15-12		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
107	A-15-13		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	4.11×10 ⁴			
			Br	/	N.D.		
			Cr ⁶⁺				
			PBBs				
			PBDEs				
108	A-15-14		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

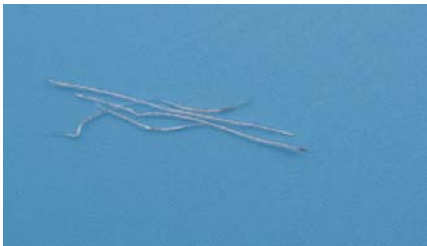
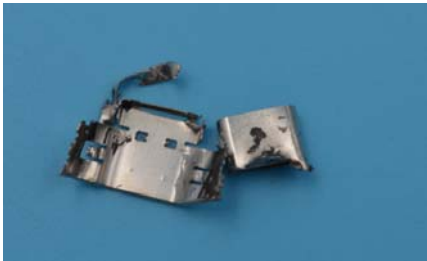
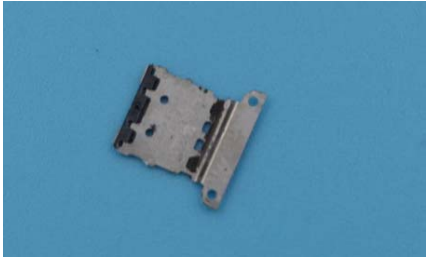



No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
109	A-16-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
110	A-16-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	617.45			N.D.
			Cr ⁶⁺				
			PBBs				
			PBDEs				
111	A-16-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
112	A-16-4		Pb	403.15	/	#1.98×10 ⁴	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
113	A-16-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
114	A-16-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				


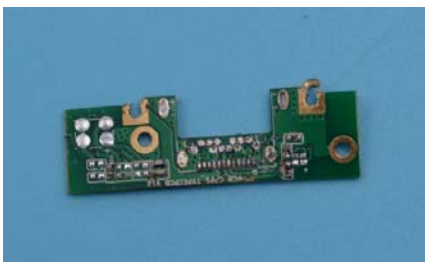


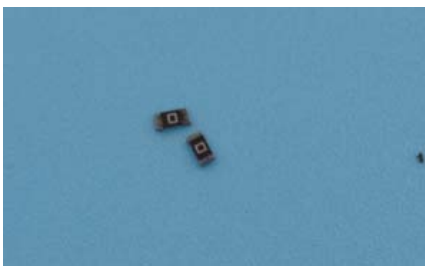
No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
115	A-16-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
116	A-16-8		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
117	A-16-9		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
118	A-16-10		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
119	A-17-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
120	A-17-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

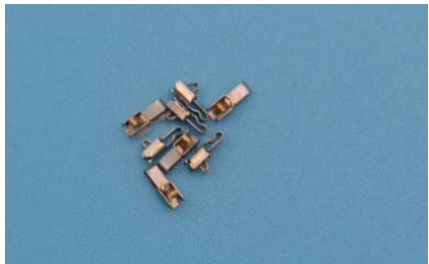





No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
121	A-17-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
122	A-17-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
123	A-17-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
124	A-17-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
125	A-17-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
126	A-17-8		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test			
			Element	Data	UV-Vis	ICP-OES	GC-MS	
127	A-17-9		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	5.04×10 ⁴				
			Br	/				
			Cr ⁶⁺		N.D.			
			PBBs					
			PBDEs					
128	A-18-1		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	5.07×10 ⁴				
			Br	/				
			Cr ⁶⁺		N.D.			
			PBBs					
			PBDEs					
129	A-18-2		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
130	A-18-3		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	7.46×10 ³				
			Br	/				
			Cr ⁶⁺		N.D.			
			PBBs					
			PBDEs					
131	A-18-4		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	N.D.				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
132	A-18-5		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
133	A-18-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	423.08			
			Br	/			
			Cr ⁶⁺		N.D.		
			PBBs				
			PBDEs				
134	A-18-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
135	A-19-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
136	A-19-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
137	A-19-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
138	A-19-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
139	A-19-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
140	A-20-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	8.66×10 ⁴			
			Br	/			
			Cr ⁶⁺		N.D.		
			PBBs				
			PBDEs				
141	A-20-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	5.37×10 ⁴			
			Br	/			
			Cr ⁶⁺		N.D.		
			PBBs				
			PBDEs				
142	A-20-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
143	A-20-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
144	A-20-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
145	A-20-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
146	A-20-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	1.57×10 ³			
			Cr ⁶⁺				N.D.
			PBBs				
			PBDEs				
147	A-21-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
148	A-21-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	450.23			
			Br	/			
			Cr ⁶⁺		N.D..		
			PBBs				
			PBDEs				
149	A-21-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
150	A-21-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
151	A-21-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
152	A-21-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
153	A-22-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
154	A-22-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
155	A-22-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
156	A-22-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				



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No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
157	A-22-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
158	A-22-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
159	A-22-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
160	A-22-8		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
161	A-22-9		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
162	A-22-10		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				



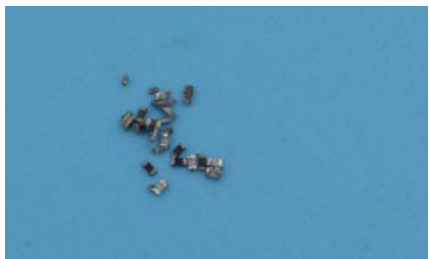



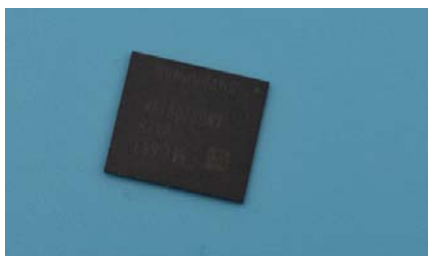
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No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
163	A-22-11		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
164	A-22-12		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
165	A-22-13		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
166	A-22-14		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
167	A-22-15		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
168	A-22-16		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				



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No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
169	A-22-17		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
170	A-22-18		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
171	A-22-19		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
172	A-22-20		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
173	A-22-21		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
174	A-22-22		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
175	A-22-23		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
176	A-22-24		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
177	A-22-25		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
178	A-22-26		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
179	A-22-27		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
180	A-22-28		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				



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No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
181	A-22-29		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
182	A-22-30		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
183	A-22-31		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
184	A-22-32		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
185	A-22-33		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
186	A-22-34		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

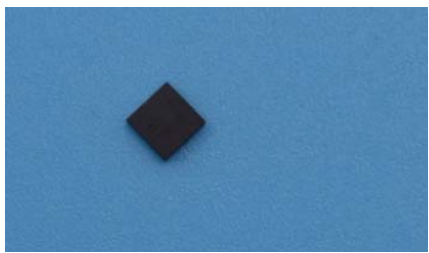
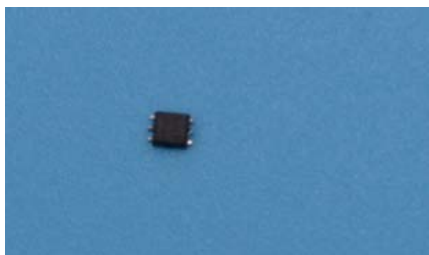


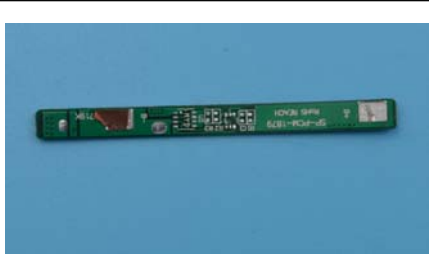
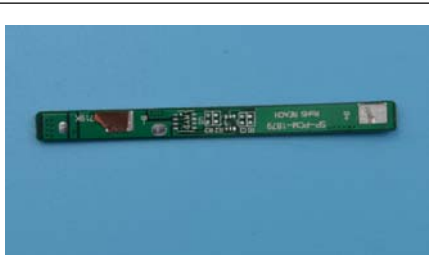


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No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
187	A-22-35		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
188	A-22-36		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
189	A-22-37		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
190	A-22-38		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
191	A-22-39		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
192	A-22-40		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
193	A-22-41		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
194	A-22-42		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
195	A-22-43		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
196	A-22-44		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
197	A-22-45		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
198	A-22-46		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
199	A-23-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
200	A-23-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
201	A-23-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
202	A-23-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
203	A-23-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
204	A-23-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

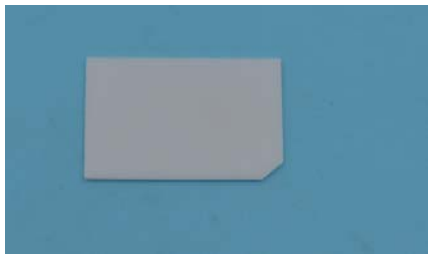
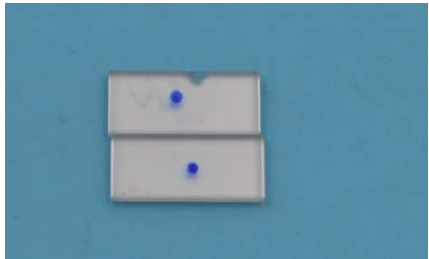
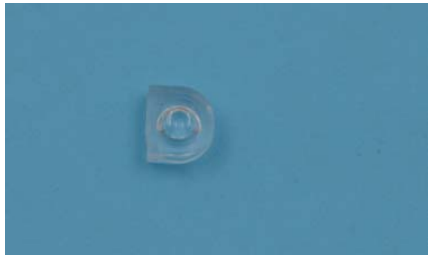
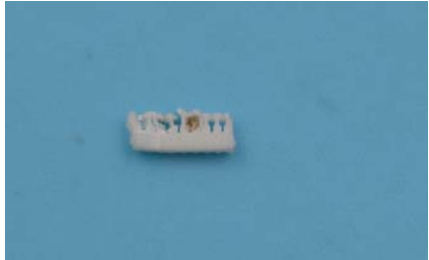


No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
205	A-23-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
206	A-23-8		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
207	A-23-9		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
208	A-23-10		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
209	A-23-11		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
210	A-23-12		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	1.45×10 ³			N.D.
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
211	A-23-13		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
212	A-23-14		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
213	A-23-15		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
214	A-23-16		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
215	A-23-17		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
216	A-23-18		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
217	A-23-19		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
218	A-23-20		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
219	A-24-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
220	A-24-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
221	A-24-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
222	A-24-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				









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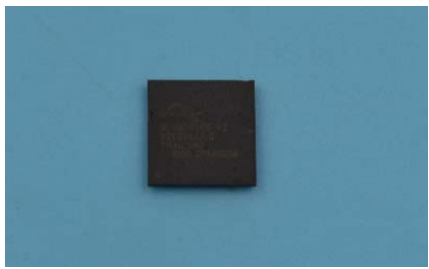
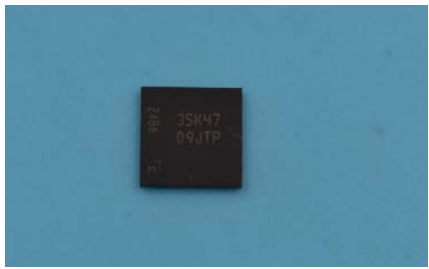
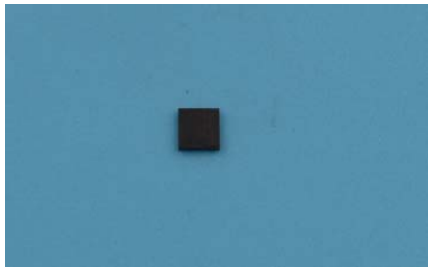
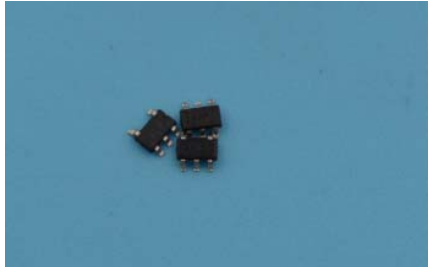
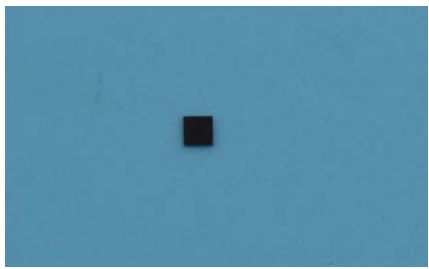
No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
223	A-24-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
224	A-24-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
225	A-24-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
226	A-24-8		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
227	A-24-9		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
228	A-24-10		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				



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No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
229	A-24-11		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
230	A-24-12		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
231	A-24-13		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
232	A-24-14		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
233	A-24-15		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
234	A-24-16		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
235	A-24-17		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
236	A-24-18		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
237	A-24-19		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	1.17×10 ⁵			
			Br	/			
			Cr ⁶⁺		N.D.		
			PBBs				
			PBDEs				
238	A-24-20		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
239	A-24-21		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	3.68×10 ³			N.D.
			Cr ⁶⁺				
			PBBs				
			PBDEs				
240	A-24-22		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
241	A-24-23		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
242	A-24-24		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	455.26			N.D.
			Cr ⁶⁺				
			PBBs				
			PBDEs				
243	A-24-25		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
244	A-24-26		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
245	A-24-27		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
246	A-24-28		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				



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No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
247	A-24-29		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
248	A-24-30		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
249	A-24-31		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
250	A-24-32		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
251	A-24-33		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
252	A-24-34		Pb	216.02	/	&2.12×10 ⁴	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				



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No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
253	A-24-35		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
254	A-24-36		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
255	A-24-37		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
256	A-24-38		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
257	A-24-39		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
258	A-24-40		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
259	A-24-41		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
260	A-24-42		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
261	A-24-43		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
262	A-24-44		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	969.95			N.D.
			Cr ⁶⁺				
			PBBs				
			PBDEs				
263	B-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
264	B-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
265	B-3		Pb	5.39×10 ³	/	#3.01×10 ⁴	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
266	B-4		Pb	603.71	/	N.D.	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
267	B-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
268	B-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
269	B-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
270	B-8		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
271	B-9		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
272	B-10-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
273	B-10-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
274	B-11-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
275	B-11-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	914.82			
			Cr ⁶⁺				N.D.
			PBBs				
			PBDEs				
276	B-11-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

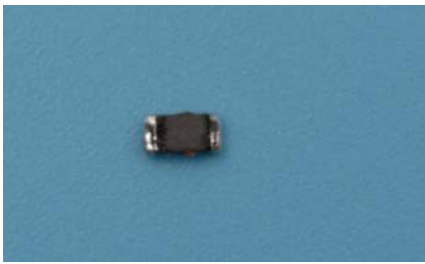


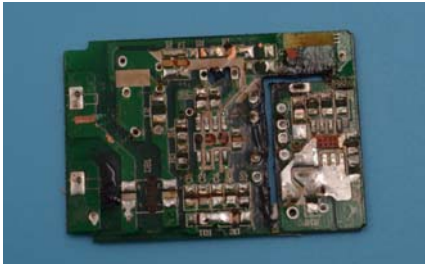
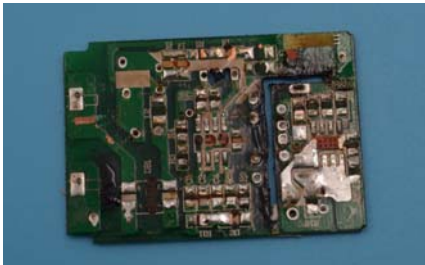

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
277	B-12-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
278	B-12-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
279	B-12-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
280	B-12-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
281	B-13-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
282	B-13-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
283	B-13-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
284	B-13-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
285	B-13-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
286	B-14-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
287	B-14-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
288	B-15-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				







No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
289	B-15-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
290	B-16-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	477.54			
			Cr ⁶⁺				N.D.
			PBBs				
			PBDEs				
291	B-16-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	737.45			
			Cr ⁶⁺				N.D.
			PBBs				
			PBDEs				
292	B-16-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
293	B-16-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
294	B-17-1		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				




No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
295	B-17-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
296	B-17-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
297	B-17-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
298	B-17-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
299	B-17-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
300	B-17-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				



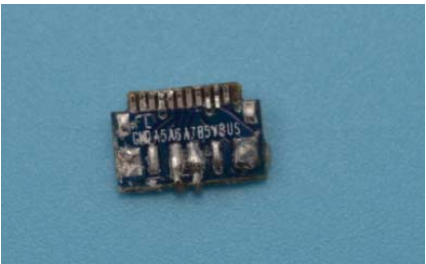
No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
301	B-17-8		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
302	B-18		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
303	B-19		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
304	B-20		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
305	B-21		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
306	B-22		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test				
			Element	Data	UV-Vis	ICP-OES	GC-MS		
307	B-23		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	N.D.					
			Cr ⁶⁺						
			PBBs						
			PBDEs						
308	B-24		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	N.D.					
			Cr ⁶⁺						
			PBBs						
			PBDEs						
309	B-25		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	N.D.					
			Cr ⁶⁺						
			PBBs						
			PBDEs						
310	B-26		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	/					
			Cr ⁶⁺						
			PBBs						
			PBDEs						
311	B-27		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	2.15×10 ³					N.D.
			Cr ⁶⁺	N.D.					
			PBBs	N.D.					
			PBDEs	N.D.					
312	C-1		Pb	N.D.	/	/	/		
			Cd	N.D.					
			Hg	N.D.					
			Cr	N.D.					
			Br	N.D.					
			Cr ⁶⁺						
			PBBs						
			PBDEs						

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
313	C-2		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
314	C-3		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
315	C-4		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
316	C-5		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
317	C-6		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
318	C-7		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
319	C-8		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
320	C-9		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
321	C-10		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
322	C-11		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
323	C-12		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
324	C-13		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	/			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test		
			Element	Data	UV-Vis	ICP-OES	GC-MS
325	C-14		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
326	C-15		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
327	C-16		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	4.78×10 ⁴			
			Br	/			
			Cr ⁶⁺		N.D.		
			PBBs				
			PBDEs				
328	C-17		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
329	C-18		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				
330	C-19		Pb	N.D.	/	/	/
			Cd	N.D.			
			Hg	N.D.			
			Cr	N.D.			
			Br	N.D.			
			Cr ⁶⁺				
			PBBs				
			PBDEs				

No.	Sample No.	Figure	X-ray Screening		chemical test			
			Element	Data	UV-Vis	ICP-OES	GC-MS	
331	C-20		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
332	C-21		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	/				
			Cr ⁶⁺					
			PBBs					
			PBDEs					
333	C-22		Pb	N.D.	/	/	/	
			Cd	N.D.				
			Hg	N.D.				
			Cr	N.D.				
			Br	1.03×10 ³				
			Cr ⁶⁺					
			PBBs					
			PBDEs					

Remark:

(1) mg/kg=ppm

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

(3)"/"= Not Conducted

(4)MDL = Method Detection Limit

(5) ^ = a. The sample is N.D. for Cr⁶⁺ if Cr⁶⁺ is N.D. (concentration less 0.10ug/cm²).The coating is considered a non- Cr⁶⁺ based coating.

b. The sample positive for Cr⁶⁺ if the Cr⁶⁺ concentration greater than 0.13ug/cm². The sample coating is considered to contain Cr⁶⁺.

c. The result between 0.10ug/cm² and 0.13ug/cm² is considered to be inconclusive unavoidable coating variations may influence the determination.

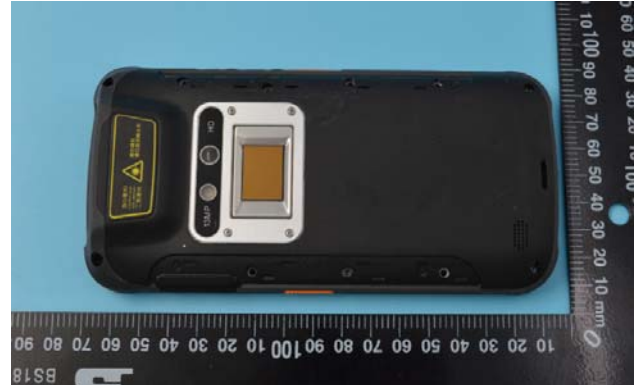
(6)# = Lead in copper alloy containing up to 4% lead by weight. The item is exempted from the requirements of the item 6(c) in ANNEX III, (Directive 2011/65/EU).

(7) & = Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound. The item is exempted from the requirements of the item 7(c)- I in ANNEX III, (Directive 2011/65/EU).

Annex A Photographs of the EUT



A



A



B



C



Annex B General Information

1.1 Identification of the Responsible Testing Laboratory

Company Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Department:	Morlab Laboratory
Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China
Responsible Test Lab Manager:	Mr. Su Feng
Telephone:	+86 755 36698555
Facsimile:	+86 755 36698525

1.2 Identification of the Responsible Testing Location

Name:	Shenzhen Morlab Communications Technology Co., Ltd. Morlab Laboratory
Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China

1.3 Accreditation Certificate

Accredited Testing Laboratory: CNAS No. L3572
(Shenzhen Morlab Communications Technology Co., Ltd.)

1.4 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	2017.05.23	2018.05.23
2	gas chromatograph-mass spectrometer (GC-MS)	CN10617090	6890-5975I	Agilent	2017.05.23	2018.05.23
3	ultraviolet-uisble spectrophotometer(UV-Vis)	0153	UV-1100	Labtech	2017.05.23	2018.05.23
4	IPC-OES	842320072001	iCAP7200	Thermo	2017.05.23	2018.05.23

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