

CheckCode:617088 Report No.:C202213016260E

Applicant: Lumi United Technology Co., Ltd

Address: Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No.3370, Liuxian

Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District,

Shenzhen, China

The following sample information was submitted and identified by/on the behalf of the client

Name: Smart Pet Feeder C1

Specifications: PETC1-M01
Sample State: Normal

Date of Receipt: Jun.23, 2022 Test Period: Jun.23, 2022 – Aug.23, 2022

Jul.15, 2022 Aug.17, 2022

Test Request: Short-chain chlorinated paraffins (SCCPs), Hexabromocyclododecane (HBCDD)

and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD)

Test Result: Please refer to following page(s).

Result Summary:

Test Request	Conclusion
European Regulation POPs (EU) 2019/1021–Short-chain chlorinated paraffins (SCCPs)	Comply
European Regulation POPs (EU) 2019/1021–Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD)	Comply

Edited by Livary Qiuxia Reviewed by Huang Yingkun Approved by theng xivaging



Seal of:

GUANGZHOU GRG METROLOGY & TEST CO., LTD.

Issue date:Aug.23,2022

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Sample description:

Sample No.	Description
1	White plastic shell
2	White adhesive paper sheet with black printing (On No.1)
3	Translucent plastic shell (On No.1)
4	White plastic shell (On No.3)
6	White plastic part (On No.4)
7	White rubber part (On No.6)
8	White plastic part (On No.6)
10	White rubber part (On No.6)
11	White plastic cover (On No.3)
12	White plastic shell (On No.11)
14	White plastic shell (In No.11)
16	White plastic shell (On No.11)
17	White plastic part (In No.3)
19	Dk-grey plastic part with white printing (On No.1)
20	Black plastic part with white printing (On No.19)
21	White plastic shell (In No.1)
23	White plastic sheet (On No.21)
25	Green "PCB" (On No.19)
28	Beige plastic shell (On No.25)
31	Lt-brown body (C21)(On No.25)
32	Black body (R32)(On No.25)
33	Black body (U6) (On No.25)
34	Brown body (C18) (On No.25)
36	White plastic part (On No.25)
37	Beige "LED" (On No.36)
39	Black body (D1)(On No.25)



Sample No.	Description
40	Black body with white printing (R37) (On No.25)
41	Black body (K4)(On No.25)
42	Brown body (C29) (On No.25)
43	Black body (D2)(On No.25)
44	Black body (U4) (5 feet) (On No.25)
45	Lt-brown body (C25)(On No.25)
46	Brown body (C12) (On No.25)
47	Black body (U2) (On No.25)
48	Black body (U3) (On No.25)
50	Black body (On No.39)
54	Black plastic part
57	Blue "PCB"
58	Grey body (On No.57)
59	Black body (On No.57)
61	Black plastic sheet
62	Black rubber part
66	Beige paper sheet with liquid
71	White plastic part
72	Black plastic part
74	Black "PCB" (On No.25)
76	White body with white printing (On No.74)
77	Brown body (On No.74)
78	Black body (On No.74)
79	Grey body (On No.74)
80	Silvery body (On No.74)
81	Brown body (On No.74)
82	Black body (On No.74)



Sample No.	Description
84	White plastic shell (On No.1)
85	Black adhesive rubber sheet (On No.84)
87	White adhesive plastic sheet with black printing (On No.84)
88	White plastic cover (On No.84)
89	Translucent adhesive plastic sheet with black printing (On No.84)
90	Black adhesive foam sheet (In No.84)
91	Translucent adhesive plastic sheet with grey printing (On No.84)
92	Black glue (On No.84)
93	White plastic part (On No.25)
95	Red plastic jacket with black printing (On No.93)
96	Orange plastic jacket with black printing (On No.93)
97	Yellow plastic jacket with black printing (On No.93)
98	Blue plastic jacket (On No.93)
99	Grey plastic jacket with black printing (On No.93)
100	Brown plastic jacket with white printing (On No.93)
101	Black plastic jacket with white printing (On No.93)
102	White plastic jacket with black printing (On No.93)
104	Black plastic jacket with white printing (On No.93)
105	Black plastic heat shrinkable tube with Lt-blue printing (On No.102)
106	Black plastic shell (In No.84)
108	Black plastic shell (On No.106)
115	Black plastic part (In No.106)
120	White plastic part
126	White plastic gear
127	Beige translucent oil (On No.126)
131	White plastic part
135	Grey core



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Sample No.	Description
138	White plastic sheet
139	Copper-colored enameled wire
140	White plastic part
142	Black plastic jacket
144	White plastic gear
145	White plastic part
147	Black core
149	Beige plastic cover
148	White fiber thread
152	Red plastic jacket
153	Black plastic shell (In No.84)
155	Black plastic part (On No.153)
165	Black fiber sheet
166	Green "PCB"
168	Black glue (On No.166)
169	Black plastic ring
170	Black plastic sheet
171	Copper-colored enameled wire (On No.170)
172	White rubber jacket
175	Dk-grey core
177	Brown body (C31)

- Remark: 1) mg/kg = ppm
 - 2) MDL= method detection limit
 - 3) "N.D." = Not Detected (Below Method Detection Limit)
 - 4) Results shown are of the total weight of mixed samples.
 - 5) The performed tests on selected parts of submitted sample(s).

GUANGZHOU GRG METROLOGY & TEST CO., LTD.

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Test Result(s):

1. European Regulation POPs (EU) 2019/1021-Short-chain chlorinated paraffins (SCCPs)

Test Method: With reference to EPA 3550C:2007, analysis was performed by GC-ECD/NCI-GC/MS.

Test Item	CAS No.	Sam	Sample		MDL	Limit	Conclusion
	CAS NO.	1+2+3	4+6+7	Unit	MIDL	LIIIII	Conclusion
Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	10000	Comply

		Sample		(A			
Test Item CA	CAS No.	8+10+11	12+14 +16	Unit	MDL	Limit	Conclusion
Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	10000	Comply

/ (x V /								
		Sample						
Test Item	CAS No.	17+19	21+23	Unit	MDL	Limit	Conclusion	
		+20	+25					
Alkanes C ₁₀ –C ₁₃ , chloro	95525 94 9	85535-84-8						
(short-chain chlorinated	and others	N.D.	N.D.	mg/kg	50	10000	Comply	
paraffins) (SCCPs)	and others							

		Sample					
Test Item	CAS No.	27+28	32+33	Unit	MDL	Limit	Conclusion
		+31	+34				
Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	10000	Comply





		San	nple)			
Test Item	CAS No.	36+37	40+41	Unit	MDL	Limit	Conclusion
		+39	+42				
Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	10000	Comply

Test Item	CAS No.	Sample					
		43+44	46+47	Unit	nit MDL	Limit	Conclusion
		+45	+48				
Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	10000	Comply

Toot Itom	CAS No	Sample				Limit	Canalusian
Test Item	CAS No.	54+50	57+58	Unit	MDL	Limit	Conclusion
Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	10000	Comply

		66+72)			
Test Item	CAS No.	59+61 +62	66+72	Unit	MDL	Limit	Conclusion
Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	10000	Comply

		Samp 74+76	nple			Limit	
Test Item	CAS No.		77+78 +79	Unit	MDL		Conclusion
Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	10000	Comply





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		San	nple)			
Test Item	CAS No.	80+81 +82	84+85 +87	Unit	MDL	Limit	Conclusion
Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	10000	Comply

		San	nple				
Test Item	CAS No.	88+89	91+92	Unit	MDL	Limit	Conclusion
		+90	+93				
Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	10000	Comply

		San	nple				
Test Item	CAS No.	95+96 +97	98+99 +100	Unit	MDL	Limit	Conclusion
Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	10000	Comply

		Sample 101+102 105+106 Unit					
Test Item	CAS No.	101+102	105+106	Unit	MDL	Limit	Conclusion
		+104	+108				
Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	10000	Comply

	Samp		nple				
Test Item	CAS No.	115 +120 +126	127	Unit	MDL	Limit	Conclusion
Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	10000	Comply

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		133+130 140+141 -					
Test Item	CAS No.	135+138 +139	140+141 +142	Unit	MDL	Limit	Conclusion
Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	10000	Comply

		Sample					
Test Item	CAS No.	144+145 +147	149+153	Unit	MDL	Limit	Conclusion
Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	10000	Comply

@ /			133+103 100+109 -					
	Test Item	CAS No.	155+165 +166	168+169 +170	Unit	MDL	Limit	Conclusion
	Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	10000	Comply

			Sample				
Test Item	CAS No.	171+148	172+152	Unit	MDL	Limit	Conclusion
		1/1+148	+142				
Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	10000	Comply

		Sample					
Test Item	CAS No.	140+131 +71	175+177	Unit	MDL	Limit	Conclusion
Alkanes C ₁₀ –C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others	N.D.	N.D.	mg/kg	50	10000	Comply

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2. European Regulation POPs (EU) 2019/1021-Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD)

Test Method: With reference to EPA 3550C:2007, analysis was performed by GC-MS.

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
rest item	CAS NO.	1+2+3	4+6+7	Oilit	MIDE	Liiiit	Conclusion
Hexabromocyclododecane	25637-99-4,						
(HBCDD) and all major	3194-55-6,)				
diastereoisomers identified	134237-50-6,	N.D.	N.D.	mg/kg	10	100	Comply
(α-HBCDD, β-HBCDD,	134237-51-7,	(G)					
γ-HBCDD)	134237-52-8						

		Sample					
Test Item	CAS No.	8+10+ 11	12+14 +16	Unit	MDL	Limit	Conclusion
Hexabromocyclododecane	25637-99-4,	7					
(HBCDD) and all major	3194-55-6,						
diastereoisomers identified	134237-50-6,	N.D.	N.D.	mg/kg	10	100	Comply
(α-HBCDD, β-HBCDD,	134237-51-7,						
γ-HBCDD)	134237-52-8		13				

	s		nple				
Test Item	CAS No.	17+19 +20	21+23 +25	Unit	MDL	Limit	Conclusion
Hexabromocyclododecane	25637-99-4,	120			16		
(HBCDD) and all major	3194-55-6,					7	
diastereoisomers identified	134237-50-6,	N.D.	N.D.	mg/kg	10	100	Comply
(α-HBCDD, β-HBCDD,	134237-51-7,	Į.	>)				
γ-HBCDD)	134237-52-8						







		Sample		.)			
Test Item	CAS No.	27+28	32+33	Unit	MDL	Limit	Conclusion
		+31	+34				
Hexabromocyclododecane	25637-99-4,						/2
(HBCDD) and all major	3194-55-6,						
diastereoisomers identified	134237-50-6,	N.D.	N.D.	mg/kg	10	100	Comply
(α-HBCDD, β-HBCDD,	134237-51-7,					7	
γ-HBCDD)	134237-52-8						

		Sample					
Test Item	CAS No.	36+37	40+41	Unit	MDL	Limit	Conclusion
		+39	+42				
Hexabromocyclododecane	25637-99-4,						
(HBCDD) and all major	3194-55-6,)		
diastereoisomers identified	134237-50-6,	N.D.	N.D.	mg/kg	10	100	Comply
(α-HBCDD, β-HBCDD,	134237-51-7,			S /			
γ-HBCDD)	134237-52-8	2					

		San	nple				
Test Item	CAS No.	43+44	46+47	Unit	MDL	Limit	Conclusion
		+45	+48			9	
Hexabromocyclododecane	25637-99-4,			/			
(HBCDD) and all major	3194-55-6,						
diastereoisomers identified	134237-50-6,	N.D.	N.D.	mg/kg	10	100	Comply
(α-HBCDD, β-HBCDD,	134237-51-7,						
γ-HBCDD)	134237-52-8						

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
rest item	CAS NO.	54+50 57+58	Unit	MIDL			
Hexabromocyclododecane	25637-99-4,						
(HBCDD) and all major	3194-55-6,						
diastereoisomers identified	134237-50-6,	N.D.	N.D.	mg/kg	10	100	Comply
(α-HBCDD, β-HBCDD,	134237-51-7,			1			
γ-HBCDD)	134237-52-8)		









		Sam)			
Test Item	CAS No.	59+61 +62	66+72	Unit	MDL	Limit	Conclusion
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD)	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	N.D.	N.D.	mg/kg	10	100	Comply

		Sam					
Test Item	CAS No.	74+76	77+78 +79	Unit	MDL	Limit	Conclusion
Hexabromocyclododecane	25637-99-4,		+13				
(HBCDD) and all major	3194-55-6,			15			
diastereoisomers identified	134237-50-6,	N.D.	N.D.	mg/kg	10	100	Comply
(α-HBCDD, β-HBCDD,	134237-51-7,			S /			
γ-HBCDD)	134237-52-8	2					

		Sample					
Test Item	CAS No.	80+81	84+85	Unit	MDL	Limit	Conclusion
		+82	+87				
Hexabromocyclododecane	25637-99-4,			/			
(HBCDD) and all major	3194-55-6,						
diastereoisomers identified	134237-50-6,	N.D.	N.D.	mg/kg	10	100	Comply
(α-HBCDD, β-HBCDD,	134237-51-7,						
γ-HBCDD)	134237-52-8						(B)/

		Sample					
Test Item	CAS No.	88+89 +90	91+92	Unit	MDL	Limit	Conclusion
		+90	+93				
Hexabromocyclododecane	25637-99-4,						ريخ (
(HBCDD) and all major	3194-55-6,						
diastereoisomers identified	134237-50-6,	N.D.	N.D.	mg/kg	10	100	Comply
(α-HBCDD, β-HBCDD,	134237-51-7,			1,5	•)		
γ-HBCDD)	134237-52-8						





		San	nple	.)			
Test Item	CAS No.	95+96	98+99	Unit	MDL	Limit	Conclusion
		+97	+100				
Hexabromocyclododecane	25637-99-4,						/,
(HBCDD) and all major	3194-55-6,						
diastereoisomers identified	134237-50-6,	N.D.	N.D.	mg/kg	10	100	Comply
(α-HBCDD, β-HBCDD,	134237-51-7,					7	
γ-HBCDD)	134237-52-8						

Test Item		San	nple				
	CAS No.	101	105	Unit		Conclusion	
	<i>5</i> 710 1101	+102	+106				
		+104	+108				
Hexabromocyclododecane	25637-99-4,			15)		
(HBCDD) and all major	3194-55-6,						
diastereoisomers identified	134237-50-6,	N.D.	N.D.	mg/kg	10	100	Comply
(α-HBCDD, β-HBCDD,	134237-51-7,	7					
γ-HBCDD)	134237-52-8						

		San	nple				
Test Item	CAS No.	115	(,£	Unit	MDL		Conclusion
	07101101	+120	127	, Cilic			
		+126					
Hexabromocyclododecane	25637-99-4,						
(HBCDD) and all major	3194-55-6,						
diastereoisomers identified	134237-50-6,	N.D.	N.D.	mg/kg	10	100	Comply
(α-HBCDD, β-HBCDD,	134237-51-7,					7	
γ-HBCDD)	134237-52-8						





Test Item		San	nple	e 🔏			
	CAS No.	135	140+	Unit	MDL	Limit	Conclusion
		+138	141				
		+139	+142				/.
Hexabromocyclododecane	25637-99-4,						
(HBCDD) and all major	3194-55-6,				1		
diastereoisomers identified	134237-50-6,	N.D.	N.D.	mg/kg	10	100	Comply
(α-HBCDD, β-HBCDD,	134237-51-7,						
γ-HBCDD)	134237-52-8	/¿ś	•				

<u> </u>		San	nple					
Test I	tem	CAS No.	144 +145 +147 149 +153	_	Unit	MDL	Limit	Conclusion
Hexabromocyo	clododecane	25637-99-4,						
(HBCDD) an	d all major	3194-55-6,			S /			
diastereoisome	ers identified	134237-50-6,	N.D.	N.D.	mg/kg	10	100	Comply
(α-HBCDD, (3-HBCDD,	134237-51-7,						
ү-НВС	DD)	134237-52-8					/	

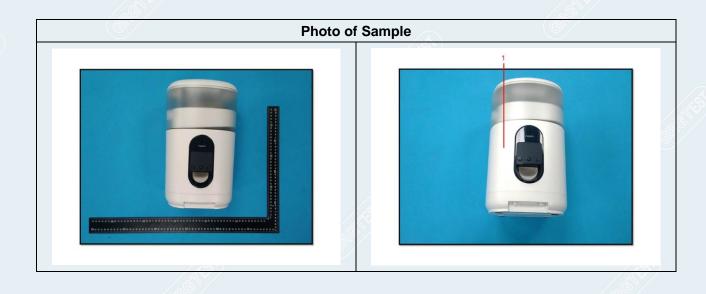
<u></u>		San	nple)			
Test Item	CAS No.	155	168	Unit	MDL	Limit	Conclusion
		+165	+169				
	(\$\frac{1}{2}	+166	+170				/
Hexabromocyclododecane	25637-99-4,						
(HBCDD) and all major	3194-55-6,				/2		
diastereoisomers identified	134237-50-6,	N.D.	N.D.	mg/kg	10	100	Comply
(α-HBCDD, β-HBCDD,	134237-51-7,						
γ-HBCDD)	134237-52-8	/,¢	•				





		San	nple)			
Test Item	CAS No.	171 +148	172 +152 +142	Unit	MDL	Limit	Conclusion
Hexabromocyclododecane	25637-99-4,						
(HBCDD) and all major	3194-55-6,				1		
diastereoisomers identified	134237-50-6,	N.D.	N.D.	mg/kg	10	100	Comply
(α-HBCDD, β-HBCDD,	134237-51-7,						
γ-HBCDD)	134237-52-8		>)				

<u>/</u> .5	.)	San	nple				
Test Item	CAS No.	140+1	175	Unit	MDL	Limit	Conclusion
		31+71	+177				
Hexabromocyclododecane	25637-99-4,)		
(HBCDD) and all major	3194-55-6,						
diastereoisomers identified	134237-50-6,	N.D.	N.D.	mg/kg	10	100	Comply
(α-HBCDD, β-HBCDD,	134237-51-7,	2					
γ-HBCDD)	134237-52-8						









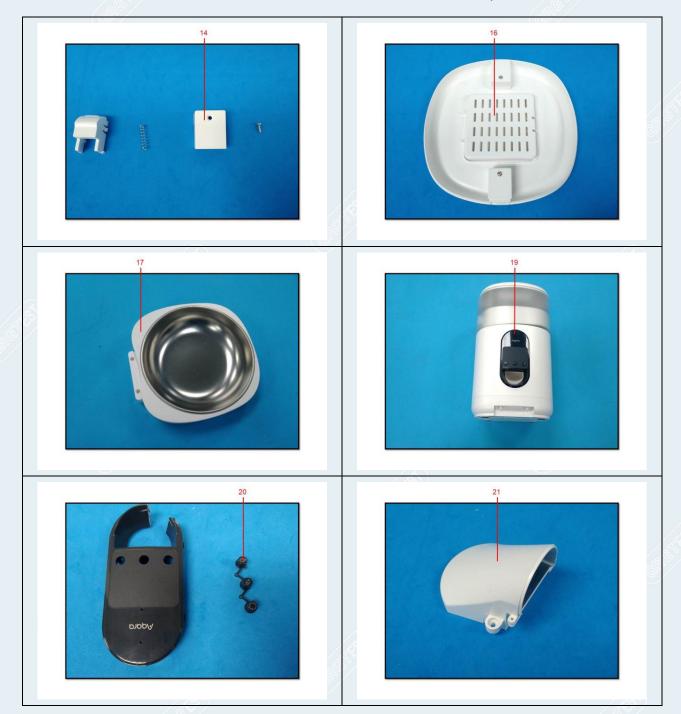












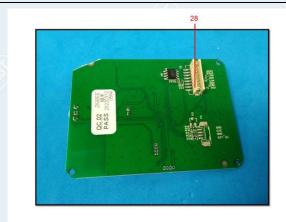


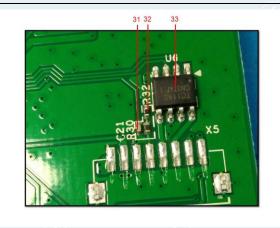


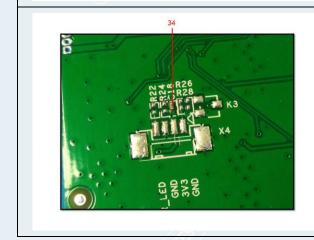


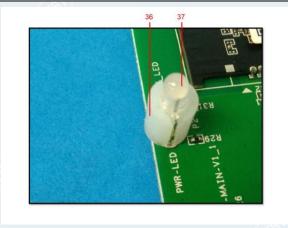






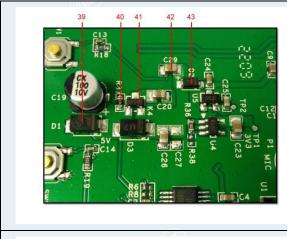


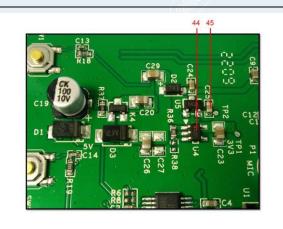


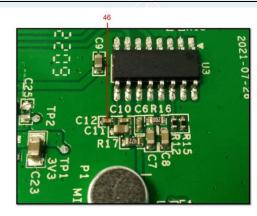


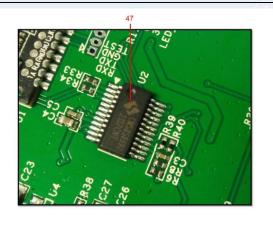


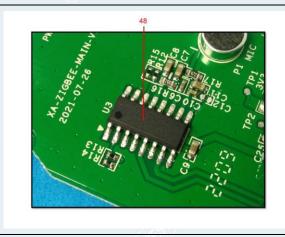


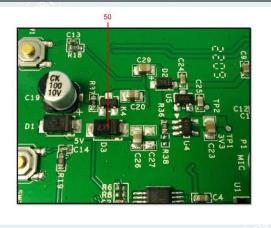


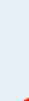




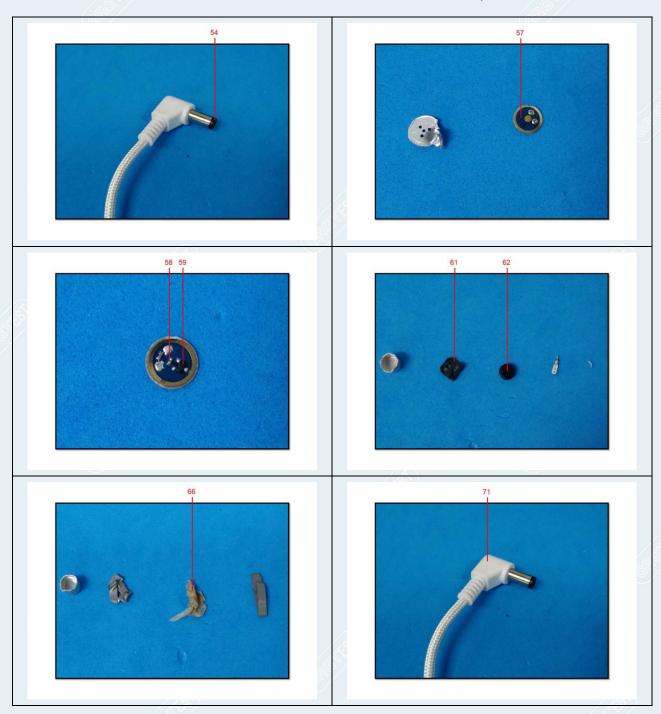




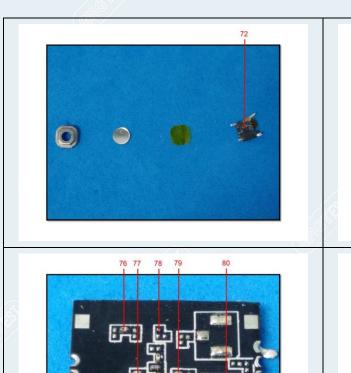


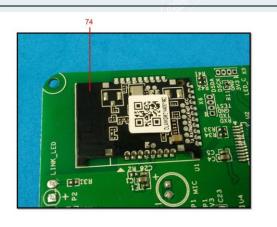


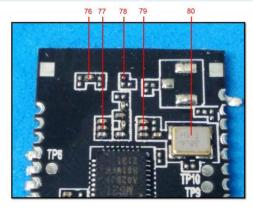


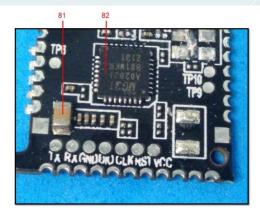












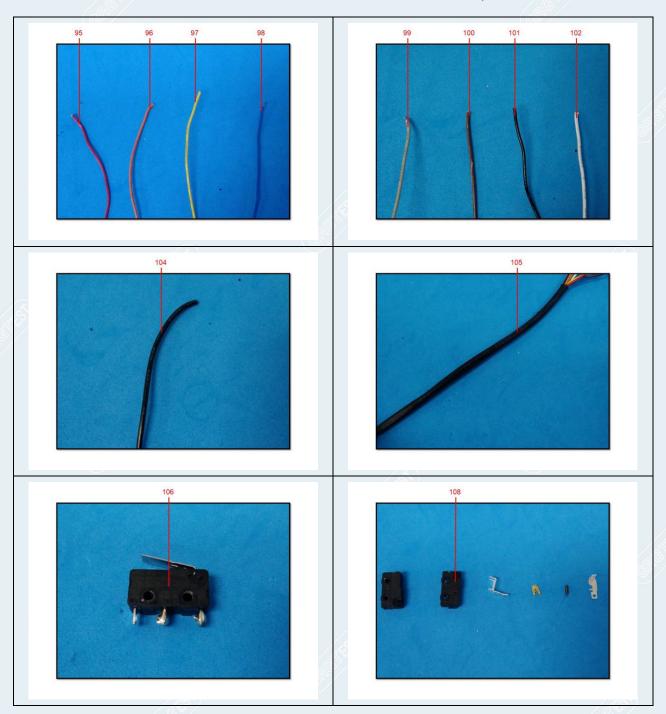




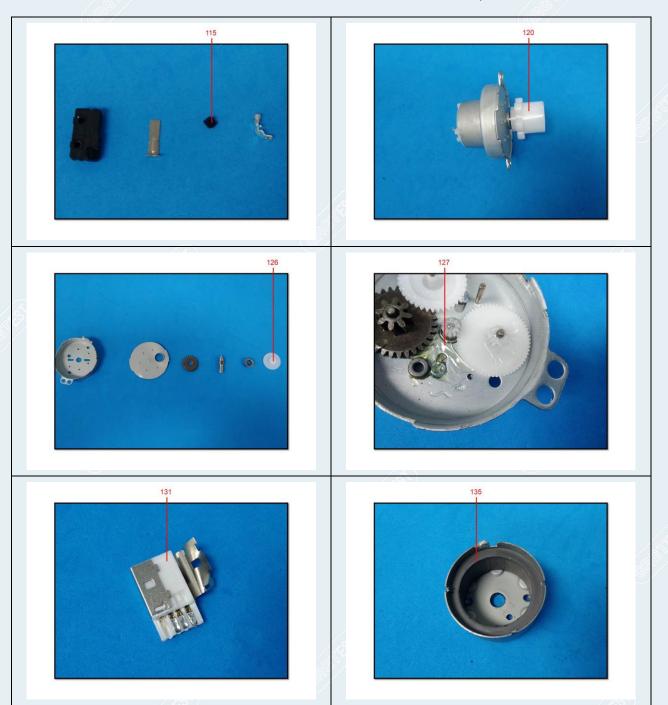




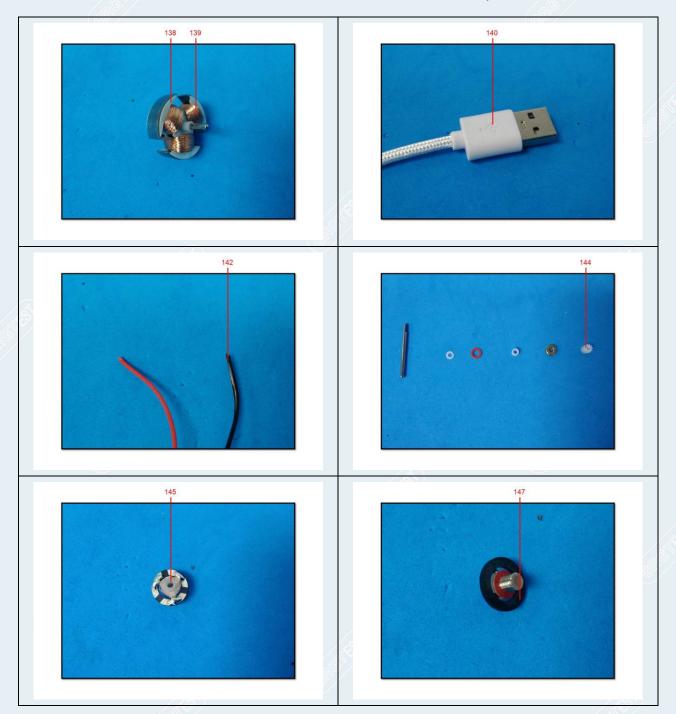




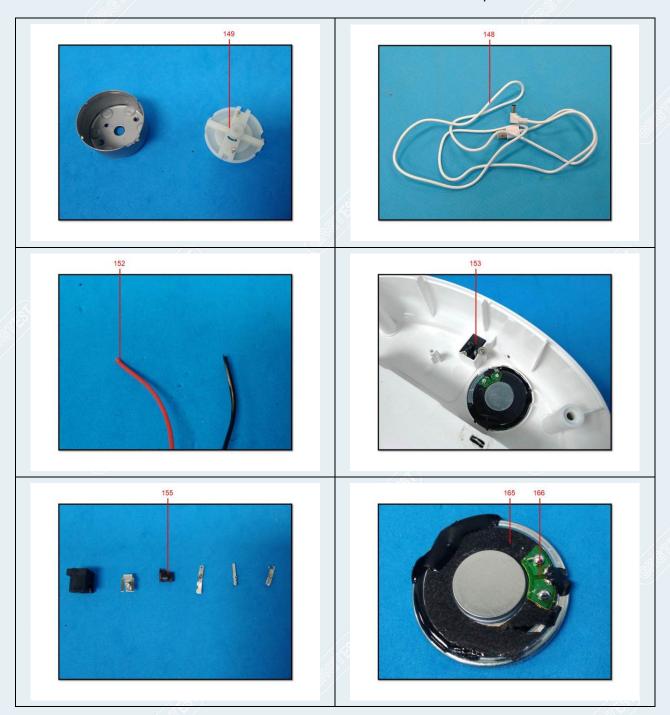




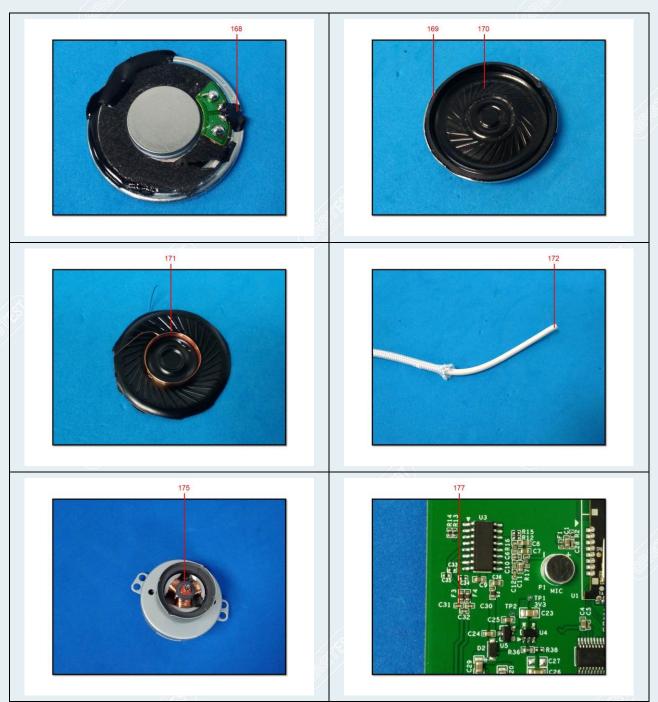












-----End of Report-----

