

TEST REPORT

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
Jul.15, 2022
Aug.17, 2022
Test Period: Jun.23, 2022 – Aug.23, 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 Liany Qiu Xia Reviewed by Huang Yingkun Approved by Zheng Xiaojing



扫一扫 验真伪

Seal of:

GUANGZHOU GRG METROLOGY & TEST CO., LTD.

Issue date: Aug.23, 2022

This test report is responsible for the tested samples only. Without permission of the test center this test report is not permitted to be duplicated in extracts. The test report is invalid without the specialized stamp of GUANGZHOU GRG METROLOGY & TEST CO., LTD. The test report is invalid if altered. Objections to the test report must be submitted to GUANGZHOU GRG METROLOGY & TEST CO., LTD. within 15 days.

GUANGZHOU GRG METROLOGY & TEST CO., LTD.

Address: No.31 Nanxiang Second Road, Science City, Huangpu District, Guangzhou, China
Tel: 4006020999 Fax: +86-020-38698685 Website: <http://www.grgtest.com>

TEST REPORT

CheckCode:617088
Report No.:C202213016260E

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)

GUANGZHOU GRG METROLOGY & TEST CO., LTD.

Address: No.31 Nanxiang Second Road, Science City, Huangpu District, Guangzhou, China
Tel: 4006020999 Fax: +86-020-38698685 Website: <http://www.grgtest.com>

TEST REPORT

CheckCode:617088
Report No.:C202213016260E

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)

GUANGZHOU GRG METROLOGY & TEST CO., LTD.

Address: No.31 Nanxiang Second Road, Science City, Huangpu District, Guangzhou, China
Tel: 4006020999 Fax: +86-020-38698685 Website: <http://www.grgtest.com>

TEST REPORT

CheckCode:617088
Report No.:C202213016260E

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

GUANGZHOU GRG METROLOGY & TEST CO., LTD.

Address: No.31 Nanxiang Second Road, Science City, Huangpu District, Guangzhou, China
Tel: 4006020999 Fax: +86-020-38698685 Website: <http://www.grgtest.com>

TEST REPORT

CheckCode:617088
Report No.:C202213016260E

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.

Address: No.31 Nanxiang Second Road, Science City, Huangpu District, Guangzhou, China
Tel: 4006020999 Fax: +86-020-38698685 Website: <http://www.grgtest.com>

TEST REPORT

CheckCode:617088
Report No.:C202213016260E

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.	Sample		Unit	MDL	Limit	Conclusion
		1+2+3	4+6+7				
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		Unit	MDL	Limit	Conclusion
		8+10+11	12+14+16				
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		Unit	MDL	Limit	Conclusion
		17+19+20	21+23+25				
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		Unit	MDL	Limit	Conclusion
		27+28+31	32+33+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

TEST REPORT

CheckCode:617088
Report No.:C202213016260E

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		36+37 +39	40+41 +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		Unit	MDL	Limit	Conclusion
		43+44 +45	46+47 +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

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		54+50	57+58				
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		Unit	MDL	Limit	Conclusion
		59+61 +62	66+72				
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		Unit	MDL	Limit	Conclusion
		74+76	77+78 +79				
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 REPORT

CheckCode:617088
Report No.:C202213016260E

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		80+81 +82	84+85 +87				
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		Unit	MDL	Limit	Conclusion
		88+89 +90	91+92 +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

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		95+96 +97	98+99 +100				
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		Unit	MDL	Limit	Conclusion
		101+102 +104	105+106 +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

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		115 +120 +126	127				
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

GUANGZHOU GRG METROLOGY & TEST CO., LTD.

Address: No.31 Nanxiang Second Road, Science City, Huangpu District, Guangzhou, China
Tel: 4006020999 Fax: +86-020-38698685 Website: <http://www.grgtest.com>

TEST REPORT

CheckCode:617088
Report No.:C202213016260E

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		135+138 +139	140+141 +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

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		144+145 +147	149+153				
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		Unit	MDL	Limit	Conclusion
		155+165 +166	168+169 +170				
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		Unit	MDL	Limit	Conclusion
		171+148	172+152 +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

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		140+131 +71	175+177				
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

GUANGZHOU GRG METROLOGY & TEST CO., LTD.

Address: No.31 Nanxiang Second Road, Science City, Huangpu District, Guangzhou, China
Tel: 4006020999 Fax: +86-020-38698685 Website: <http://www.grgtest.com>

TEST REPORT

CheckCode:617088
Report No.:C202213016260E

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
		1+2+3	4+6+7				
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

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		8+10+11	12+14+16				
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

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		17+19+20	21+23+25				
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

TEST REPORT

CheckCode:617088
Report No.:C202213016260E

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		27+28 +31	32+33 +34				
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

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		36+37 +39	40+41 +42				
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

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		43+44 +45	46+47 +48				
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

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		54+50	57+58				
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

TEST REPORT

CheckCode:617088
Report No.:C202213016260E

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		59+61 +62	66+72				
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

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		74+76	77+78 +79				
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

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		80+81 +82	84+85 +87				
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

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		88+89 +90	91+92 +93				
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

GUANGZHOU GRG METROLOGY & TEST CO., LTD.

Address: No.31 Nanxiang Second Road, Science City, Huangpu District, Guangzhou, China
Tel: 4006020999 Fax: +86-020-38698685 Website: <http://www.grgtest.com>

TEST REPORT

CheckCode:617088
Report No.:C202213016260E

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		95+96 +97	98+99 +100				
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

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		101 +102 +104	105 +106 +108				
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

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		115 +120 +126	127				
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

TEST REPORT

CheckCode:617088
Report No.:C202213016260E

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		135 +138 +139	140+ 141 +142				
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

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		144 +145 +147	149 +153				
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

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		155 +165 +166	168 +169 +170				
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

TEST REPORT

CheckCode:617088
Report No.:C202213016260E

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		171 +148	172 +152 +142				
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

Test Item	CAS No.	Sample		Unit	MDL	Limit	Conclusion
		140+1 31+71	175 +177				
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

Photo of Sample



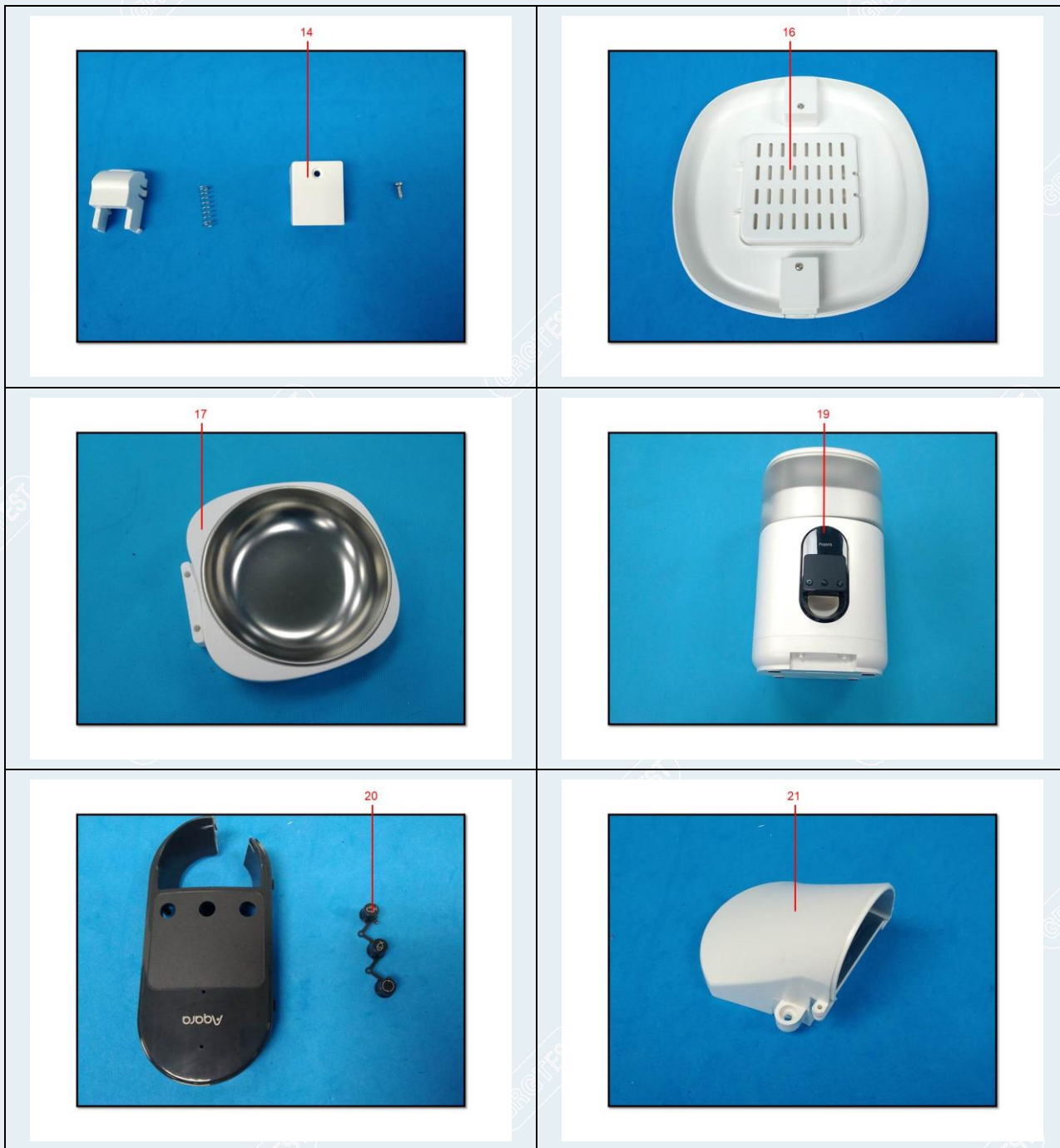
TEST REPORT

CheckCode:617088
Report No.:C202213016260E



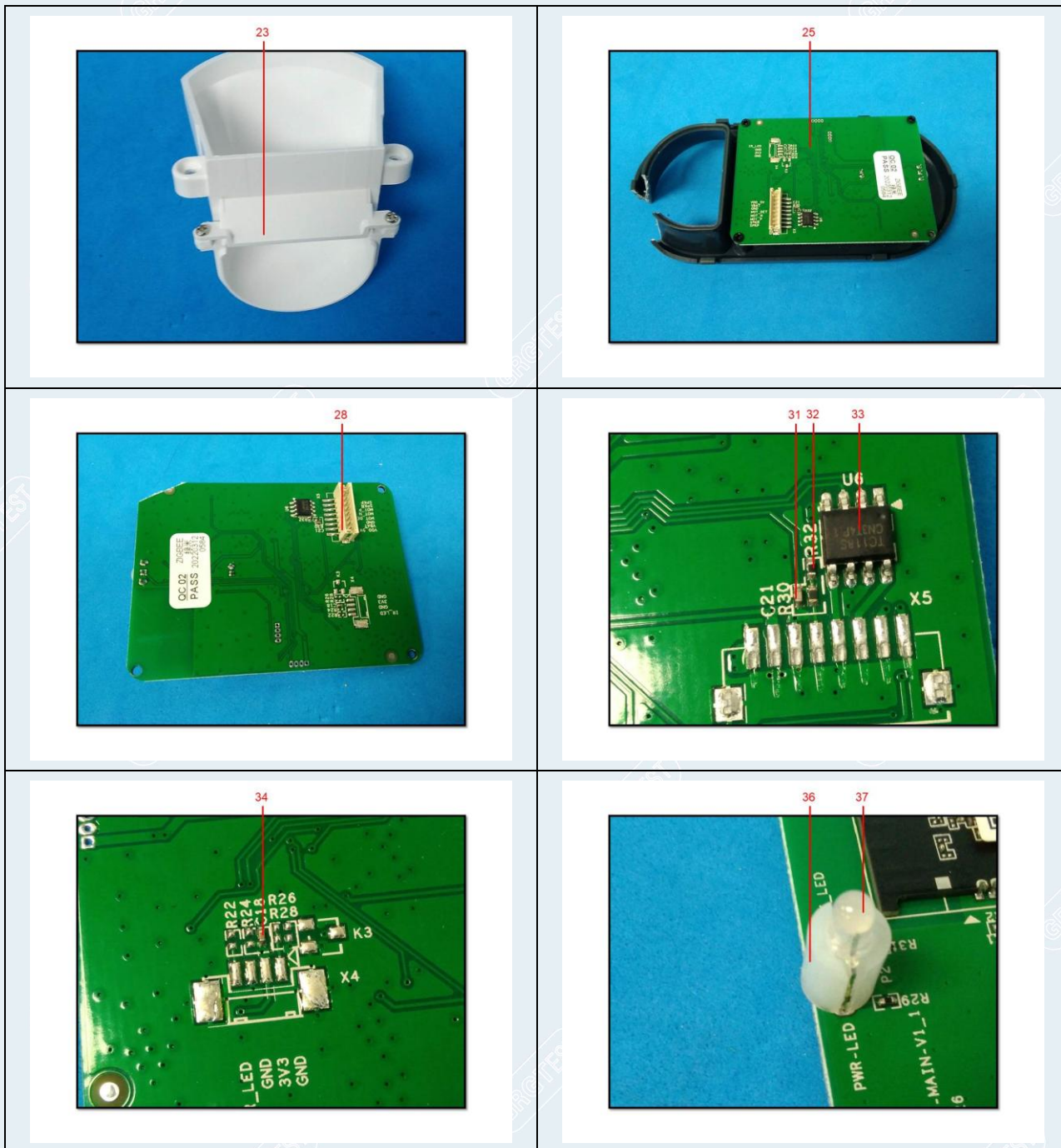
TEST REPORT

CheckCode:617088
Report No.:C202213016260E



TEST REPORT

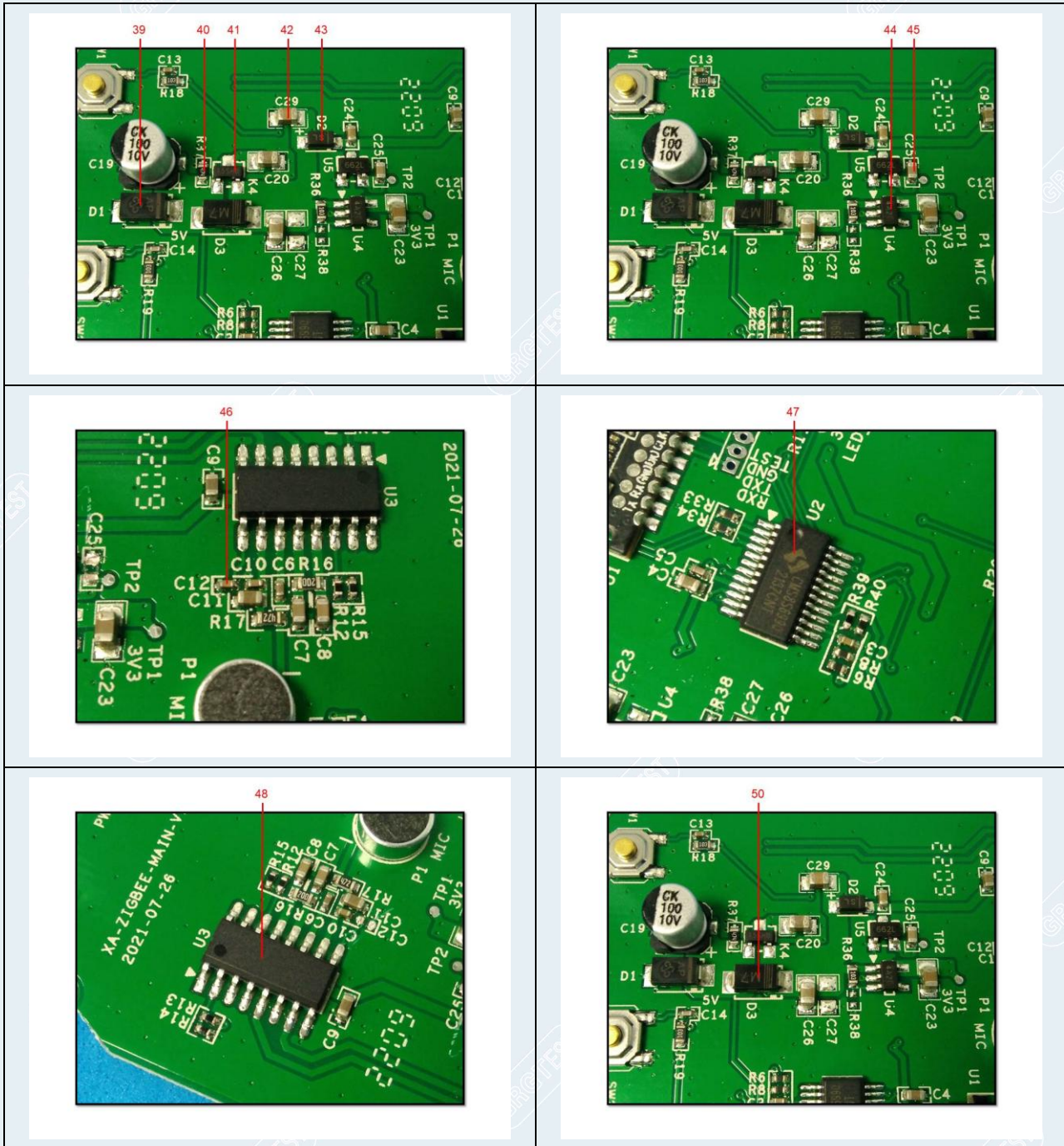
CheckCode:617088
Report No.:C202213016260E



GRGTEST
2022.11.10

TEST REPORT

CheckCode:617088
Report No.:C202213016260E



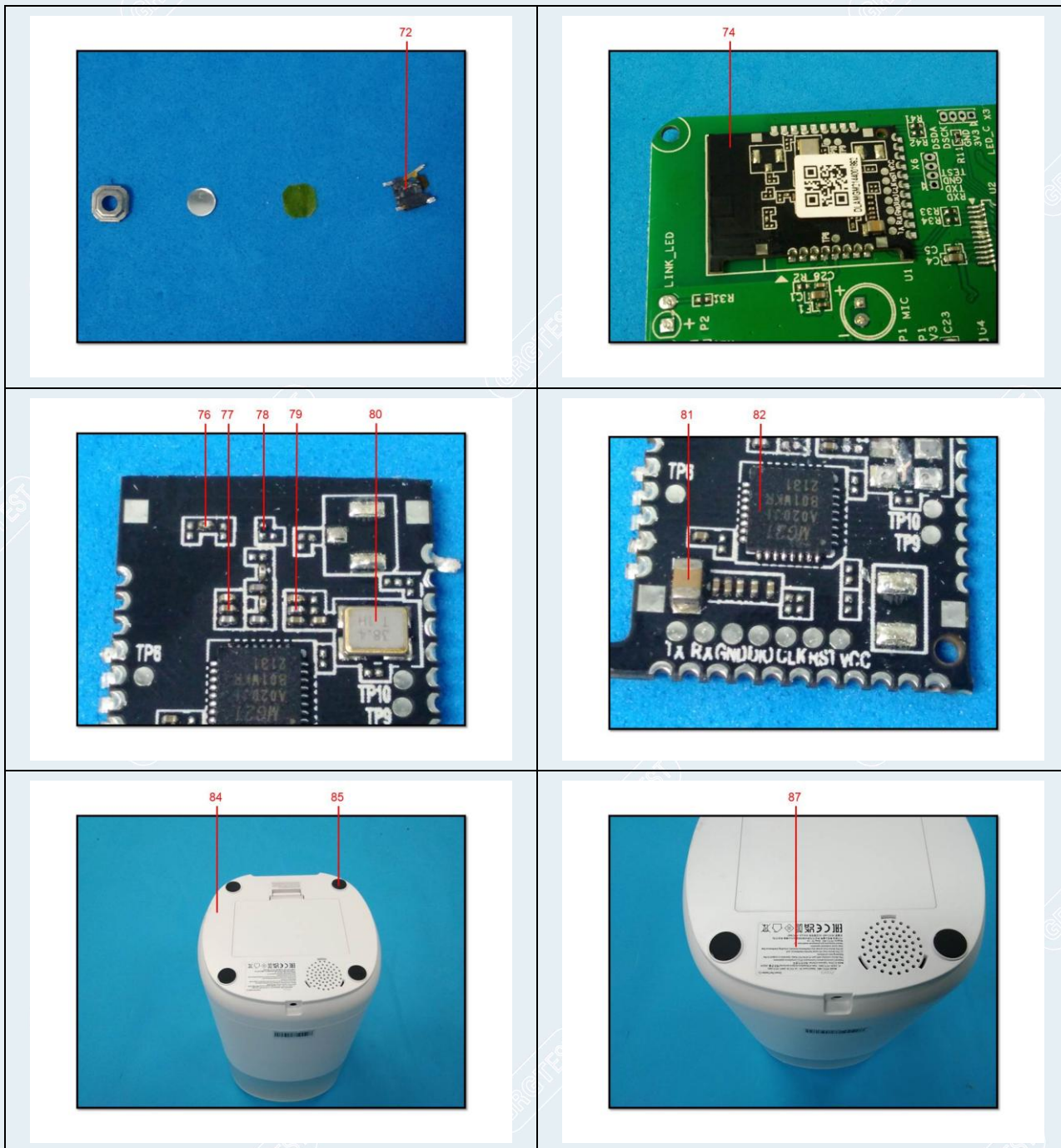
TEST REPORT

CheckCode:617088
Report No.:C202213016260E



TEST REPORT

CheckCode:617088
Report No.:C202213016260E



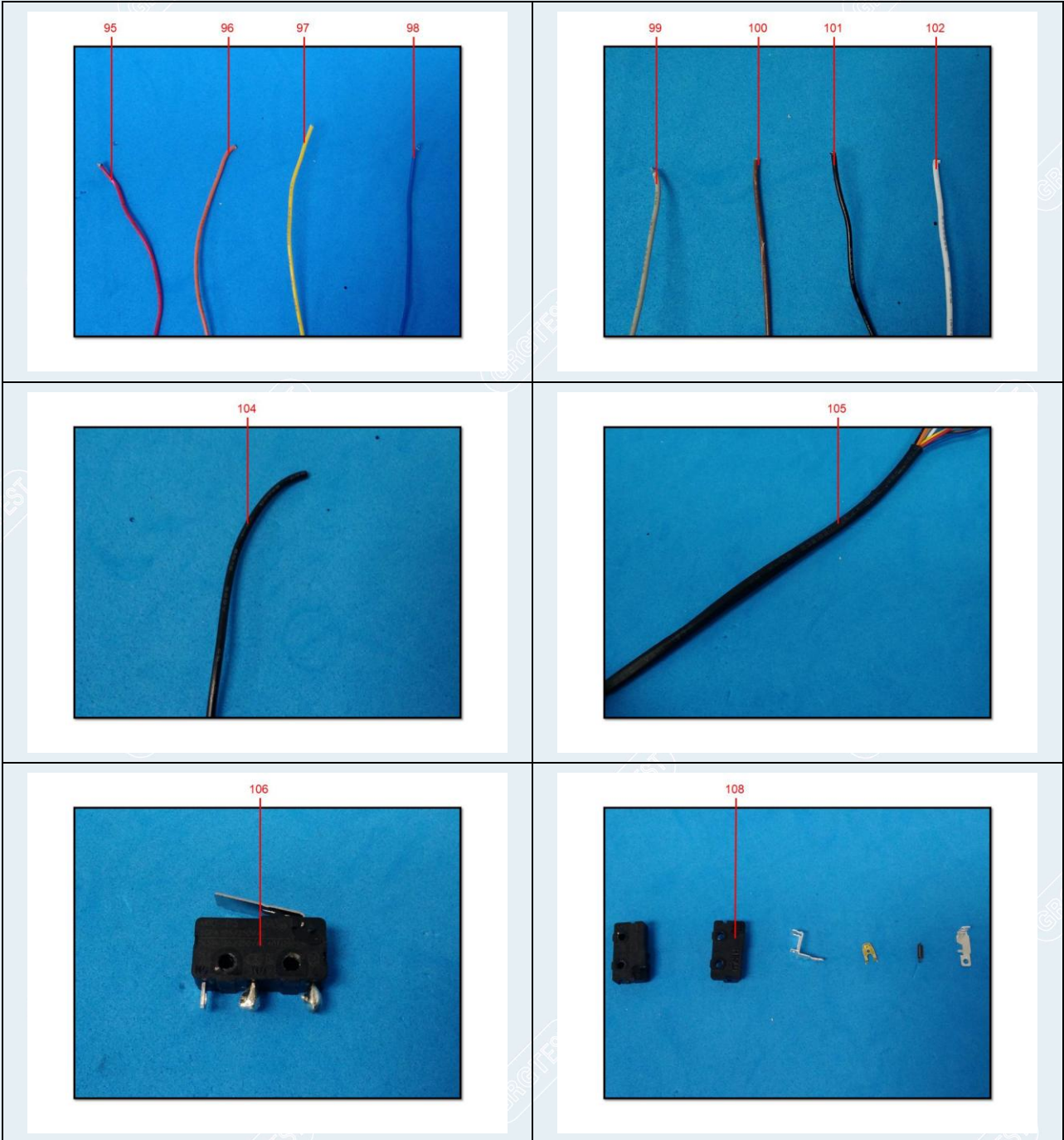
TEST REPORT

CheckCode:617088
Report No.:C202213016260E



TEST REPORT

CheckCode:617088
Report No.:C202213016260E



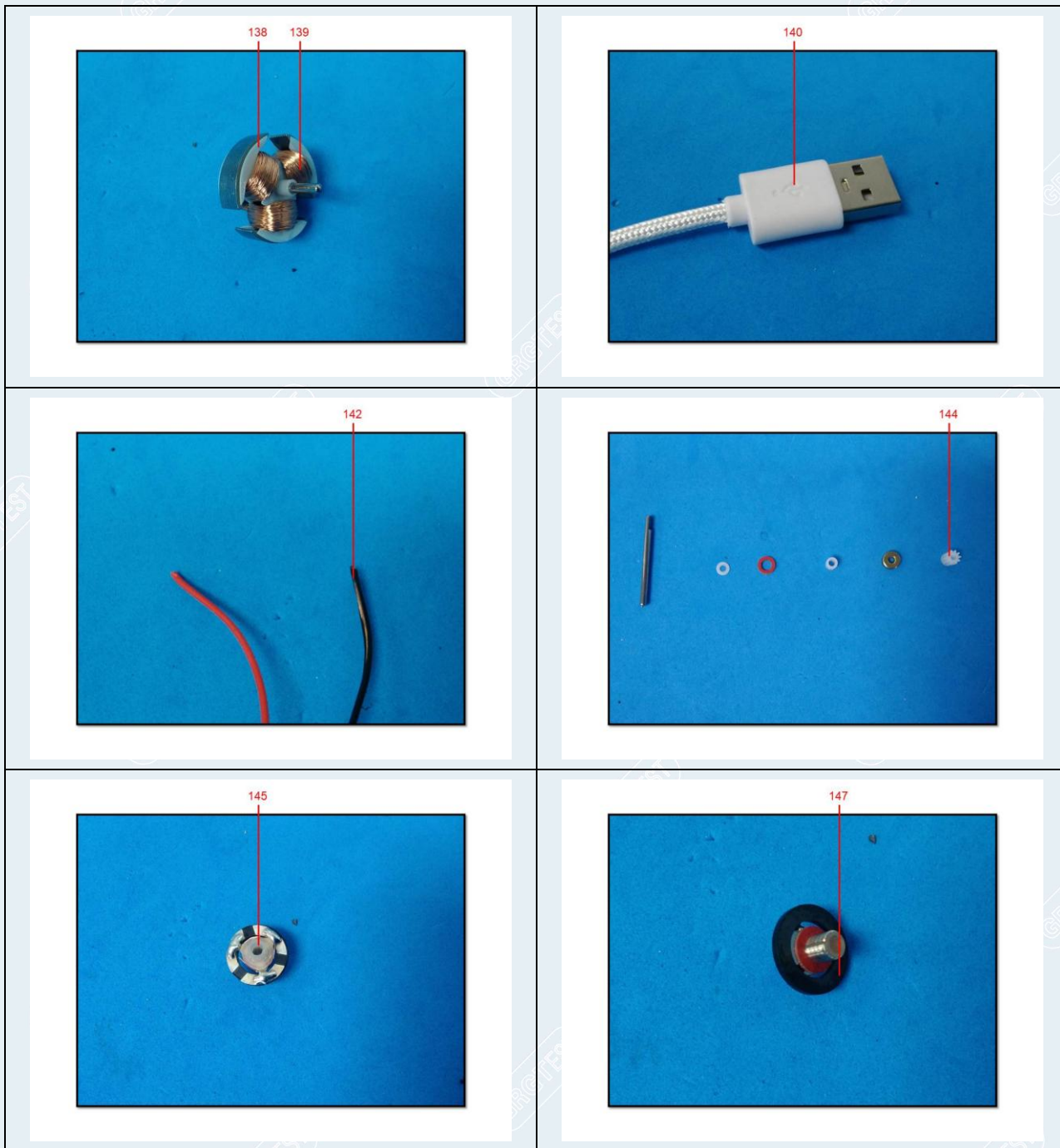
TEST REPORT

CheckCode:617088
Report No.:C202213016260E



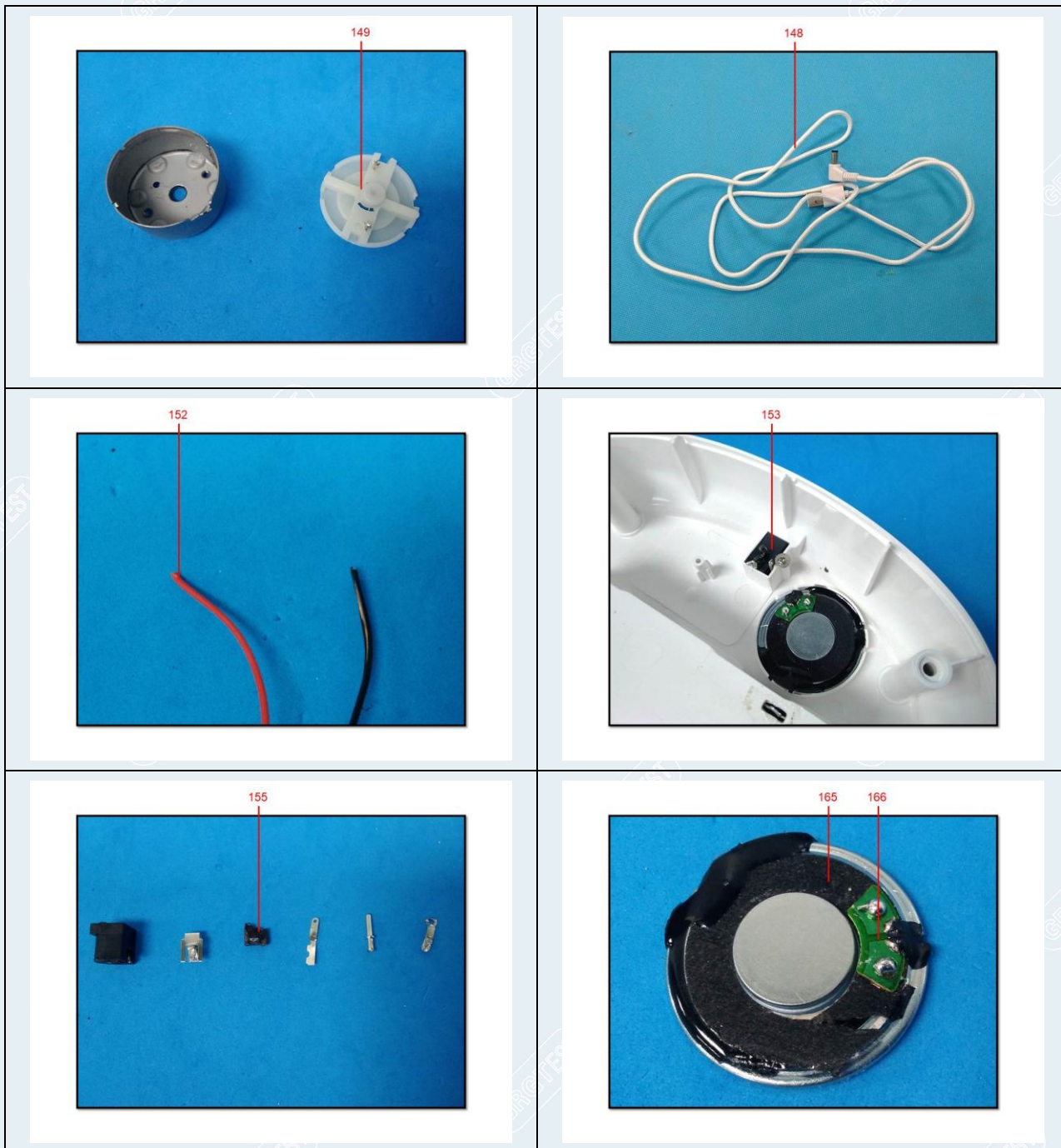
TEST REPORT

CheckCode:617088
Report No.:C202213016260E



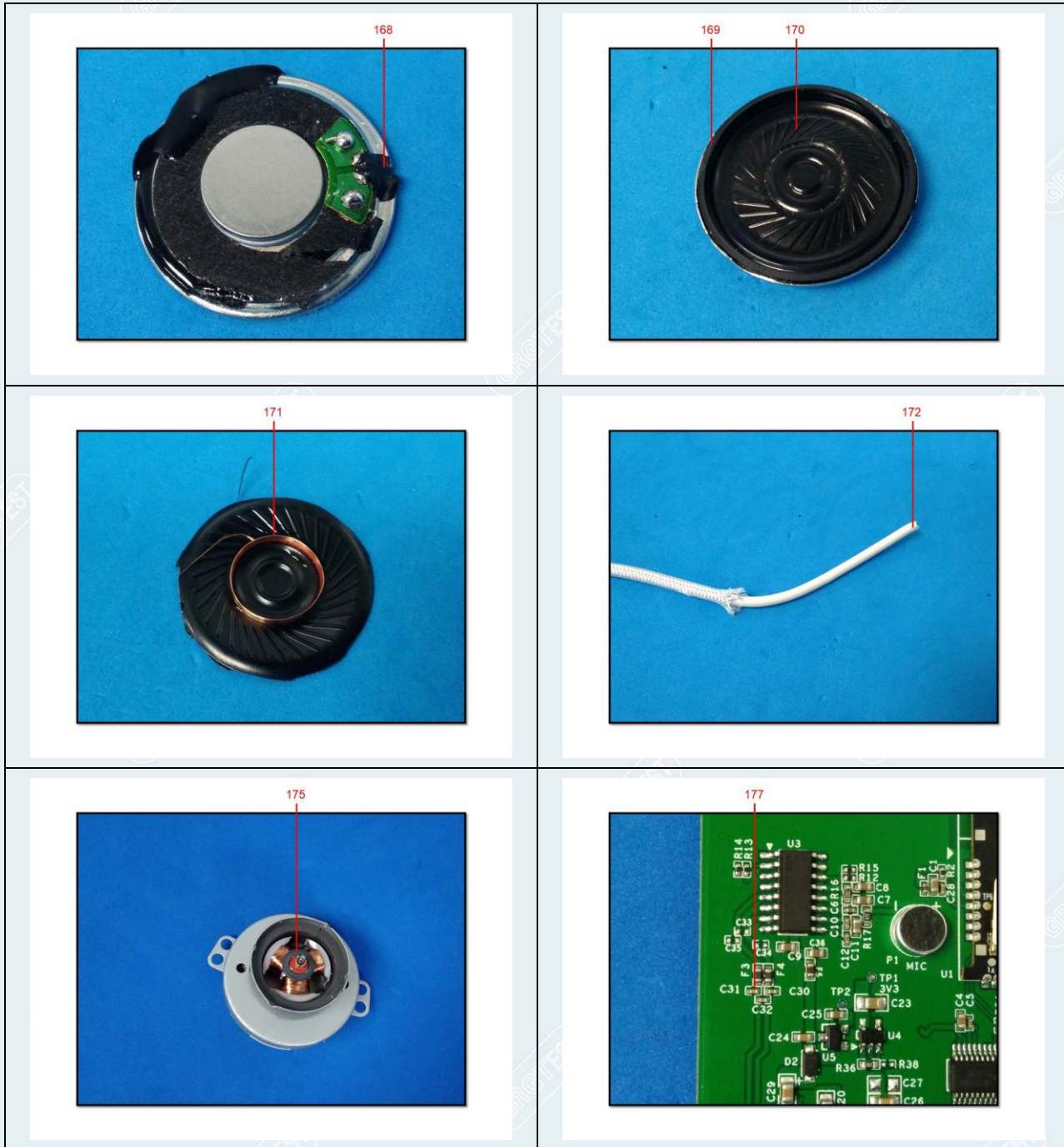
TEST REPORT

CheckCode:617088
Report No.:C202213016260E



TEST REPORT

CheckCode:617088
Report No.:C202213016260E



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