



中国认可  
国际互认  
检测  
TESTING  
CNAS L6478



# TEST REPORT

**Report No.**..... : WTF23F03037237C  
**Applicant**..... : Mid Ocean Brands B.V.  
**Address**..... : 7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong  
**Manufacturer**..... : 116629  
**Sample Name**..... : ANC headphone and pouch  
**Sample Model**..... : MO9920  
**Date of Receipt sample**..... : 2023-03-02  
**Testing period**..... : 2023-03-02 to 2023-03-17  
**Date of Issue**..... : 2023-03-20  
**Test Result**..... : Refer to next page (s)

**Prepared By:**

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Signed for and on behalf of  
Waltek Testing Group (Foshan) Co., Ltd.

Swing.Liang



Report No.: WTF23F03037237C

**Test Requested** ..... : In accordance with the RoHS Directive 2011/65/EU and its amendment (EU) No. 2015/863.

**Test Method**..... : 1) With reference to IEC 62321-2:2021, disassembly, disjunction and mechanical sample preparation  
2) With reference to IEC 62321-3-1:2013, screening - Lead, mercury, cadmium, total chromium and total bromine by X-ray fluorescence spectrometry  
3) With reference to IEC 62321-4:2013+AMD1:2017 CSV, determination of Mercury by ICP-OES  
4) With reference to IEC 62321-5:2013, determination of Lead and Cadmium by ICP-OES  
5) With reference to IEC 62321-7-2: 2017 and IEC 62321-7-1: 2015, determination of Hexavalent Chromium by UV-Vis  
6) With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS  
7) With reference to IEC 62321-8:2017, determination of Phthalates content by GC-MS.

**Test Conclusion** ..... : **Pass** (Based on the performed tests on the submitted samples, the results comply with the RoHS Directive 2011/65/EU and its amendment (EU) No. 2015/863)

# WALTEK



Report No.: WTF23F03037237C

**Sample Photo(s):**



**Test Results:****1. Lead, Mercury, Cadmium, Hexavalent Chromium, PBBs and PBDEs**

Part No.	Part Description	Result of XRF					Result of Wet Chemical Testing (mg/kg)
		Cd	Pb	Hg	Cr	Br	
1	Black plastic sheet	BL	BL	BL	BL	BL	NA
2	Transparent plastic adhesive tape	BL	BL	BL	BL	BL	NA
3	Black soft plastic sheet	BL	BL	BL	BL	BL	NA
4	White plastic sheet	BL	BL	BL	BL	BL	NA
5	Transparent plastic sheet	BL	BL	BL	BL	BL	NA
6	Black plastic shell	BL	BL	BL	BL	BL	NA
7	Semi-transparent double faced adhesive tape	BL	BL	BL	BL	BL	NA
8	Black plastic sheet	BL	BL	BL	BL	BL	NA
9	Black sponge adhesive sheet	BL	BL	BL	BL	BL	NA
10	Black plastic sheet	BL	BL	BL	BL	BL	NA
11	White plastic sheet	BL	BL	BL	BL	BL	NA
12	Black plastic shell	BL	BL	BL	BL	BL	NA
13	Silvery metal sheet	BL	BL	BL	IN	--	Cr <sup>6+</sup> : Negative
14	White plastic ring with silvery coating	BL	BL	BL	BL	BL	NA
15	Transparent plastic adhesive label with white printing	BL	BL	BL	BL	BL	NA
16	Black plastic shell	BL	BL	BL	BL	BL	NA
17	White sponge adhesive sheet	BL	BL	BL	BL	BL	NA
18	Black plastic ring	BL	BL	BL	BL	IN	PBBs : ND PBDEs : ND
19	Black synthetic leather	BL	BL	BL	BL	BL	NA



Part No.	Part Description	Result of XRF					Result of Wet Chemical Testing (mg/kg)
		Cd	Pb	Hg	Cr	Br	
20	Black fibrous sheet	BL	BL	BL	BL	BL	NA
21	Black synthetic leather	BL	BL	BL	BL	BL	NA
22	Dark green fibrous sheet	BL	BL	BL	BL	BL	NA
23	White sponge sheet	BL	BL	BL	BL	BL	NA
24	White sponge sheet	BL	BL	BL	BL	BL	NA
25	White plastic sheet	BL	BL	BL	BL	BL	NA
26	Black sponge adhesive sheet	BL	BL	BL	BL	BL	NA
27	Black plastic sheet	BL	BL	BL	BL	BL	NA
28	Black sponge adhesive sheet	BL	BL	BL	BL	BL	NA
29	White plastic shell	BL	BL	BL	BL	BL	NA
30	Solder	BL	BL	BL	BL	--	NA
31	Green PCB	BL	BL	BL	BL	IN	PBBs : ND PBDEs : ND
32	Silvery magnetic core	BL	BL	BL	IN	--	Cr <sup>6+</sup> : ND
33	Transparent plastic film	BL	BL	BL	BL	BL	NA
34	Green PCB	BL	BL	BL	BL	BL	NA
35	Solder	BL	BL	BL	BL	--	NA
36	Silvery metal shell	BL	BL	BL	IN	--	Cr <sup>6+</sup> : Negative
37	Copper varnished wire	BL	BL	BL	BL	BL	NA
38	Black plastic shell	BL	BL	BL	BL	BL	NA
39	White paper adhesive sheet	BL	BL	BL	BL	BL	NA



Part No.	Part Description	Result of XRF					Result of Wet Chemical Testing (mg/kg)
		Cd	Pb	Hg	Cr	Br	
40	Red varnished wire	BL	BL	BL	BL	BL	NA
41	Black soft plastic tube	BL	BL	BL	BL	BL	NA
42	Coppery varnished wire	BL	BL	BL	BL	BL	NA
43	White fibrous wire	BL	BL	BL	BL	BL	NA
44	Silvery metal shell(MIC)	BL	BL	BL	BL	--	NA
45	Silvery metal ring(MIC)	BL	BL	BL	BL	--	NA
46	Silvery metal sheet(MIC)	BL	BL	BL	BL	--	NA
47	Silvery metal ring(MIC)	BL	BL	BL	BL	--	NA
48	Silvery plastic film(MIC)	BL	BL	BL	BL	BL	NA
49	Red plastic film(MIC)	BL	BL	BL	BL	BL	NA
50	White plastic ring(MIC)	BL	BL	BL	BL	BL	NA
51	Black soft plastic ring(MIC)	BL	BL	BL	BL	BL	NA
52	Black sponge adhesive sheet(MIC)	BL	BL	BL	BL	BL	NA
53	Blue PCB	BL	BL	BL	BL	BL	NA
54	Chip IC	BL	BL	BL	BL	BL	NA
55	Chip EC	BL	BL	BL	BL	BL	NA
56	Semi-transparent glue	BL	BL	BL	BL	BL	NA
57	Golden metal shell(MIC)	BL	BL	BL	BL	--	NA
58	Black plastic wire covering	BL	BL	BL	BL	BL	NA
59	Red plastic wire covering	BL	BL	BL	BL	BL	NA



Part No.	Part Description	Result of XRF					Result of Wet Chemical Testing (mg/kg)
		Cd	Pb	Hg	Cr	Br	
60	Silvery metal wire	BL	BL	BL	BL	--	NA
61	Green PCB	BL	BL	BL	BL	IN	PBBs : ND PBDEs : ND
62	Solder	BL	BL	BL	BL	--	NA
63	Black soft plastic tube	BL	BL	BL	BL	BL	NA
64	Green varnished wire	BL	BL	BL	BL	BL	NA
65	Coppery varnished wire	BL	BL	BL	BL	BL	NA
66	Red varnished wire	BL	BL	BL	BL	BL	NA
67	Blue varnished wire	BL	BL	BL	BL	BL	NA
68	White fibrous wire	BL	BL	BL	BL	BL	NA
69	Yellow transparent plastic adhesive tape	BL	BL	BL	BL	BL	NA
70	Silvery metal axle	BL	BL	BL	IN	--	Cr <sup>6+</sup> : Negative
71	Silvery metal screw with black plating	BL	BL	BL	IN	--	Cr <sup>6+</sup> : Negative
72	Silvery metal screw with black plating	BL	BL	BL	IN	--	Cr <sup>6+</sup> : Negative
73	Silvery metal screw with black plating	BL	BL	BL	IN	--	Cr <sup>6+</sup> : Negative
74	Chip IC	BL	BL	BL	BL	BL	NA
75	Chip IC	BL	BL	BL	BL	BL	NA
76	Silvery metal sheet	BL	BL	BL	BL	--	NA
77	Chip capacitor	BL	BL	BL	BL	BL	NA
78	Chip resistor	BL	BL	BL	BL	BL	NA
79	Red plastic wire covering	BL	BL	BL	BL	BL	NA



Part No.	Part Description	Result of XRF					Result of Wet Chemical Testing (mg/kg)
		Cd	Pb	Hg	Cr	Br	
80	Yellow plastic wire covering	BL	BL	BL	BL	BL	NA
81	Black plastic wire covering	BL	BL	BL	BL	BL	NA
82	Silvery metal wire	BL	BL	BL	BL	--	NA
83	Solder	BL	BL	BL	BL	--	NA
84	Green PCB	BL	BL	BL	BL	IN	PBBs : ND PBDEs : ND
85	Black plastic key(switch)	BL	BL	BL	BL	IN	PBBs : ND PBDEs : ND
86	Beige plastic base(switch)	BL	BL	BL	BL	BL	NA
87	Silvery metal shell(switch)	BL	BL	BL	IN	--	Cr <sup>6+</sup> : Negative
88	Silvery metal sheet(switch)	BL	BL	BL	BL	--	NA
89	Yellow transparent plastic adhesive tape(switch)	BL	BL	BL	BL	BL	NA
90	Black plastic key(switch)	BL	BL	BL	BL	BL	NA
91	Black plastic base(switch)	BL	BL	BL	BL	BL	NA
92	Silvery metal cover(switch)	BL	BL	BL	IN	--	Cr <sup>6+</sup> : Negative
93	Silvery metal pin(switch)	BL	BL	BL	BL	--	NA
94	Silvery metal shell(socket)	BL	BL	BL	BL	--	NA
95	Silvery metal pin(socket)	BL	BL	BL	BL	--	NA
96	Black plastic core(socket)	BL	BL	BL	BL	BL	NA
97	Chip IC	BL	BL	BL	BL	BL	NA
98	Chip capacitor	BL	BL	BL	BL	BL	NA
99	Chip LED	BL	BL	BL	BL	BL	NA





Part No.	Part Description	Result of XRF					Result of Wet Chemical Testing (mg/kg)
		Cd	Pb	Hg	Cr	Br	
100	Chip IC	BL	BL	BL	BL	BL	NA
101	Solder	BL	BL	BL	BL	--	NA
102	Chip resistor	BL	BL	BL	BL	BL	NA
103	Chip IC	BL	BL	BL	BL	BL	NA
104	Chip audion	BL	BL	BL	BL	BL	NA
105	Chip crystal oscillator	BL	BL	BL	BL	BL	NA
106	Black plastic film(electrolytic capacitor)	BL	BL	BL	BL	BL	NA
107	Black rubber stopper(electrolytic capacitor)	BL	BL	BL	BL	BL	NA
108	Brown paper sheet(electrolytic capacitor)	BL	BL	BL	BL	BL	NA
109	Silvery metal shell(electrolytic capacitor)	BL	BL	BL	BL	--	NA
110	Silvery metal foil(electrolytic capacitor)	BL	BL	BL	BL	--	NA
111	Grey metal foil(electrolytic capacitor)	BL	BL	BL	BL	--	NA
112	Silvery metal pin(electrolytic capacitor)	BL	BL	BL	BL	--	NA
113	Black plastic shell(socket)	BL	BL	BL	BL	BL	NA
114	Silvery metal sheet(socket)	BL	BL	BL	BL	--	NA
115	Black PCB	BL	BL	BL	BL	IN	PBBs : ND PBDEs : ND
116	Black fabric bag	BL	BL	BL	BL	BL	NA
117	Black drawstring	BL	BL	BL	BL	IN	PBBs : ND PBDEs : ND
118	Black plastic jacket(plug)	BL	BL	BL	BL	BL	NA
119	Silvery metal shell(plug)	BL	BL	BL	BL	--	NA



Part No.	Part Description	Result of XRF					Result of Wet Chemical Testing (mg/kg)
		Cd	Pb	Hg	Cr	Br	
120	Solder(plug)	BL	BL	BL	BL	--	NA
121	Silvery metal pin(plug)	BL	BL	BL	BL	--	NA
122	Black glue(plug)	BL	BL	BL	BL	BL	NA
123	Black plastic core(plug)	BL	BL	BL	BL	IN	PBBs : ND PBDEs : ND
124	Black plastic jacket(plug)	BL	BL	BL	BL	BL	NA
125	Black glue(plug)	BL	BL	BL	BL	BL	NA
126	Black plastic core(plug)	BL	BL	BL	BL	BL	NA
127	Silvery metal pin(plug)	BL	BL	BL	IN	--	Cr <sup>6+</sup> : Negative
128	Silvery metal shell(plug)	BL	BL	BL	IN	--	Cr <sup>6+</sup> : Negative
129	Black plastic wire jacket	BL	BL	BL	BL	BL	NA
130	Red plastic wire covering	BL	BL	BL	BL	BL	NA
131	White fibrous wire	BL	BL	BL	BL	BL	NA
132	Black plastic wire covering	BL	BL	BL	BL	BL	NA
133	Coppery metal wire	BL	BL	BL	BL	--	NA
134	Black glue(plug)	BL	BL	BL	BL	BL	NA
135	Silvery metal sleeve(plug)	BL	BL	BL	BL	--	NA
136	Silvery metal pin(plug)	IN	<b>OL</b>	BL	BL	--	Cd :13 #Pb : 2.37×10 <sup>4</sup>
137	Black plastic jacket(plug)	BL	BL	BL	BL	BL	NA
138	Solder(plug)	BL	BL	BL	BL	--	NA
139	Black plastic core(plug)	BL	BL	BL	BL	BL	NA



Part No.	Part Description	Result of XRF					Result of Wet Chemical Testing (mg/kg)
		Cd	Pb	Hg	Cr	Br	
140	Coppery varnished wire	BL	BL	BL	BL	BL	NA
141	Red varnished wire	BL	BL	BL	BL	BL	NA
142	Black plastic wire jacket	BL	BL	BL	BL	BL	NA
143	Green varnished wire	BL	BL	BL	BL	BL	NA
144	White fibrous wire	BL	BL	BL	BL	BL	NA

**Remark:**

- (1) Results are obtained by EDXRF for primary screening, and further chemical testing by ICP (for Cd, Pb, Hg), UV-VIS (for Cr<sup>6+</sup>) and GC-MS (for PBBs, PBDEs) is recommended to be performed, if the concentration exceeds the below warning value according to IEC 62321-3-1: 2013 (unit: mg/kg)

Element	Polymer	Metal	Composite Materials
Cd	$BL \leq (70-3\sigma) < IN < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < IN < (130+3\sigma) \leq OL$	$LOD < IN < (150+3\sigma) \leq OL$
Pb	$BL \leq (700-3\sigma) < IN < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < IN < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < IN < (1500+3\sigma) \leq OL$
Hg	$BL \leq (700-3\sigma) < IN < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < IN < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < IN < (1500+3\sigma) \leq OL$
Cr	$BL \leq (700-3\sigma) < IN$	$BL \leq (700-3\sigma) < IN$	$BL \leq (500-3\sigma) < IN$
Br	$BL \leq (300-3\sigma) < IN$	--	$BL \leq (250-3\sigma) < IN$

BL= Below Limit      OL= Over Limit      LOD = Limit of Detection      -- = Not Regulated

- (2) "IN" expresses the inconclusive region, and further chemical testing to confirm whether it complies with the requirement of RoHS Directive.
- (3) The XRF screening test for RoHS elements – the reading may be different to the actual content in the sample be of non-uniformity composition.
- (4) mg / kg =milligram per kilogram=ppm,  $\mu\text{g}/\text{cm}^2$  = Micrograms per square centimetre.
- (5) ND = Not Detected or lower than limit of quantitation.
- (6) NA = Not Applicable, as the XRF screening test result was below the limit or as the XRF screening directly determine that test result was over the limit, it was not need to conduct the wet chemical testing.
- (7) LOQ = Limit of quantitation.

Test Items	Pb	Cd	Hg	Cr <sup>6+</sup>		PBB	PBDE
Units	mg/kg	mg/kg	mg/kg	mg/kg	$\mu\text{g}/\text{cm}^2$	mg/kg	mg/kg
LOQ	2	2	2	8	0.1	5	5

The LOQ for single compound of PBBs and PBDEs is 5mg/kg, LOQ of Cr<sup>6+</sup> for polymer and composite sample is 8mg/kg and LOQ of Cr<sup>6+</sup> for metal sample is 0.1 $\mu\text{g}/\text{cm}^2$ .



## (8) RoHS Requirement

Restricted Substances	Limits
Cadmium (Cd)	0.01% (100 mg/kg)
Lead (Pb)	0.1% (1000 mg/kg)
Mercury (Hg)	0.1% (1000 mg/kg)
Chromium (VI) (Cr <sup>6+</sup> )	0.1% (1000 mg/kg)
Polybrominated Biphenyls (PBBs)	0.1% (1000 mg/kg)
Polybrominated Diphenyl Ethers (PBDEs)	0.1% (1000 mg/kg)

- (9) According to IEC 62321-7-1:2015, determined of Cr<sup>6+</sup> on metal sample by boiling water extraction test method, and result is shown as Positive/Negative.

Boiling water extraction:

Negative = Absence of Cr<sup>6+</sup> coating, the detected concentration in boiling water extraction solution is less than 0.10ug/cm<sup>2</sup>.

Positive = Presence of Cr<sup>6+</sup> coating, the detected concentration in boiling water extraction solution is greater than 0.13ug/cm<sup>2</sup>.

Information on storage conditions and production date of the tested sample is unavailable and thus Cr<sup>6+</sup> results represent status of the sample at the time of testing.

- (10) Abbreviation:

“Pb” denotes Lead, “Cd” denotes Cadmium, “Hg” denotes Mercury, “Cr” denotes Chromium, “Cr (VI)” denotes Hexavalent Chromium, “Br” denotes Bromine, “PBBs” denotes Total Polybrominated Biphenyls, “PBDEs” denotes Total Polybrominated Diphenyl Ethers.

- (11)<sup>#</sup> = According to the declaration from client, the source of lead in test sample is from copper alloy while lead as copper alloy containing up to 4% lead by weight is exempted by Directive 2011/65/EU ANNEX III.



## 2. Phthalates:

Serial No.	Part No.	Result (mg/kg)			
		DBP	BBP	DEHP	DIBP
T01	1+4+6+8 <sup>△</sup>	ND	ND	ND	ND
T02	2+89 <sup>△</sup>	ND	ND	ND	ND
T03	3	ND	ND	ND	ND
T04	5+50+90+91 <sup>△</sup>	ND	ND	ND	ND
T05	7	ND	ND	ND	ND
T06	9	ND	ND	ND	ND
T07	10+11+12+14+16 <sup>△</sup>	ND	ND	ND	ND
T08	13	--	--	--	--
T09	15	ND	ND	ND	ND
T10	17	ND	ND	ND	ND
T11	18+25+27+29+38 <sup>△</sup>	ND	ND	ND	ND
T12	19	ND	ND	ND	ND
T13	20	ND	ND	ND	ND
T14	21	ND	ND	ND	ND
T15	22	ND	ND	ND	ND
T16	23	ND	ND	ND	ND
T17	24	ND	ND	ND	ND
T18	26	130	ND	129	ND
T19	28	ND	ND	ND	ND
T20	30	--	--	--	--
T21	31+53+61+84+115 <sup>△</sup>	ND	ND	ND	ND
T22	32	--	--	--	--
T23	33	ND	ND	ND	ND
T24	34+48 <sup>△</sup>	ND	ND	ND	ND
T25	35	--	--	--	--
T26	36	--	--	--	--
T27	37+40+42+64+65 <sup>△</sup>	ND	ND	ND	ND
T28	39	ND	ND	ND	ND
T29	41	ND	ND	ND	ND
T30	43	ND	ND	ND	ND
T31	44	--	--	--	--
T32	45	--	--	--	--
T33	46	--	--	--	--
T34	47	--	--	--	--
T35	49	ND	ND	ND	ND
T36	51	ND	ND	ND	ND
T37	52	ND	ND	ND	ND
T38	54+55+74+75+77 <sup>△</sup>	ND	ND	ND	ND
T39	56	ND	ND	ND	ND
T40	57	--	--	--	--
T41	58	ND	ND	ND	ND
T42	59	ND	ND	ND	ND
T43	60	--	--	--	--



Serial No.	Part No.	Result (mg/kg)			
		DBP	BBP	DEHP	DIBP
T44	62	--	--	--	--
T45	63	222	ND	ND	ND
T46	66+67+140+141+143 <sup>△</sup>	ND	ND	ND	ND
T47	68	ND	ND	ND	ND
T48	69	ND	ND	ND	ND
T49	70	--	--	--	--
T50	71	--	--	--	--
T51	72	--	--	--	--
T52	73	--	--	--	--
T53	76	--	--	--	--
T54	78+97+98+99+100 <sup>△</sup>	ND	ND	ND	ND
T55	79	137	ND	ND	103
T56	80	ND	ND	159	ND
T57	81	ND	ND	ND	ND
T58	82	--	--	--	--
T59	83	--	--	--	--
T60	85	ND	ND	ND	ND
T61	86	ND	ND	ND	ND
T62	87	--	--	--	--
T63	88	--	--	--	--
T64	92	--	--	--	--
T65	93	--	--	--	--
T66	94	--	--	--	--
T67	95	--	--	--	--
T68	96	ND	ND	ND	ND
T69	101	--	--	--	--
T70	102+103+104+105 <sup>△</sup>	ND	ND	ND	ND
T71	106	ND	ND	ND	ND
T72	107	ND	ND	ND	ND
T73	108	ND	ND	ND	ND
T74	109	--	--	--	--
T75	110	--	--	--	--
T76	111	--	--	--	--
T77	112	--	--	--	--
T78	113+123+126 <sup>△</sup>	ND	ND	ND	ND
T79	114	--	--	--	--
T80	116	ND	ND	ND	ND
T81	117	ND	ND	ND	ND
T82	118	ND	ND	ND	ND
T83	119	--	--	--	--
T84	120	--	--	--	--
T85	121	--	--	--	--
T86	122	89	ND	155	ND
T87	124	133	ND	ND	ND



Serial No.	Part No.	Result (mg/kg)			
		DBP	BBP	DEHP	DIBP
T88	125	80	ND	ND	ND
T89	127	--	--	--	--
T90	128	--	--	--	--
T91	129	160	ND	ND	ND
T92	130	ND	ND	ND	ND
T93	131	ND	ND	ND	ND
T94	132	ND	ND	ND	ND
T95	133	--	--	--	--
T96	134	ND	ND	ND	ND
T97	135	--	--	--	--
T98	136	--	--	--	--
T99	137	ND	ND	ND	ND
T100	138	--	--	--	--
T101	139	ND	ND	ND	ND
T102	142	ND	ND	ND	ND
T103	144	ND	ND	ND	ND

**Note:**

- (1) mg/kg = milligram per kilogram= ppm
- (2) ND = Not Detected or lower than limit of quantitation.
- (3) -- = Not Regulated.
- (4) LOQ = Limit of quantitation.

Test Items	DBP	BBP	DEHP	DIBP
Units	mg/kg	mg/kg	mg/kg	mg/kg
LOQ	50	50	50	50

- (5) Abbreviation:  
"DBP" denotes Dibutyl phthalate, "BBP" denotes Benzyl butyl phthalate (BBP), "DEHP" denotes Bis(2-ethylhexyl)-phthalate, "DIBP" denotes Diisobutyl phthalate, "PHT" denotes Phthalates.

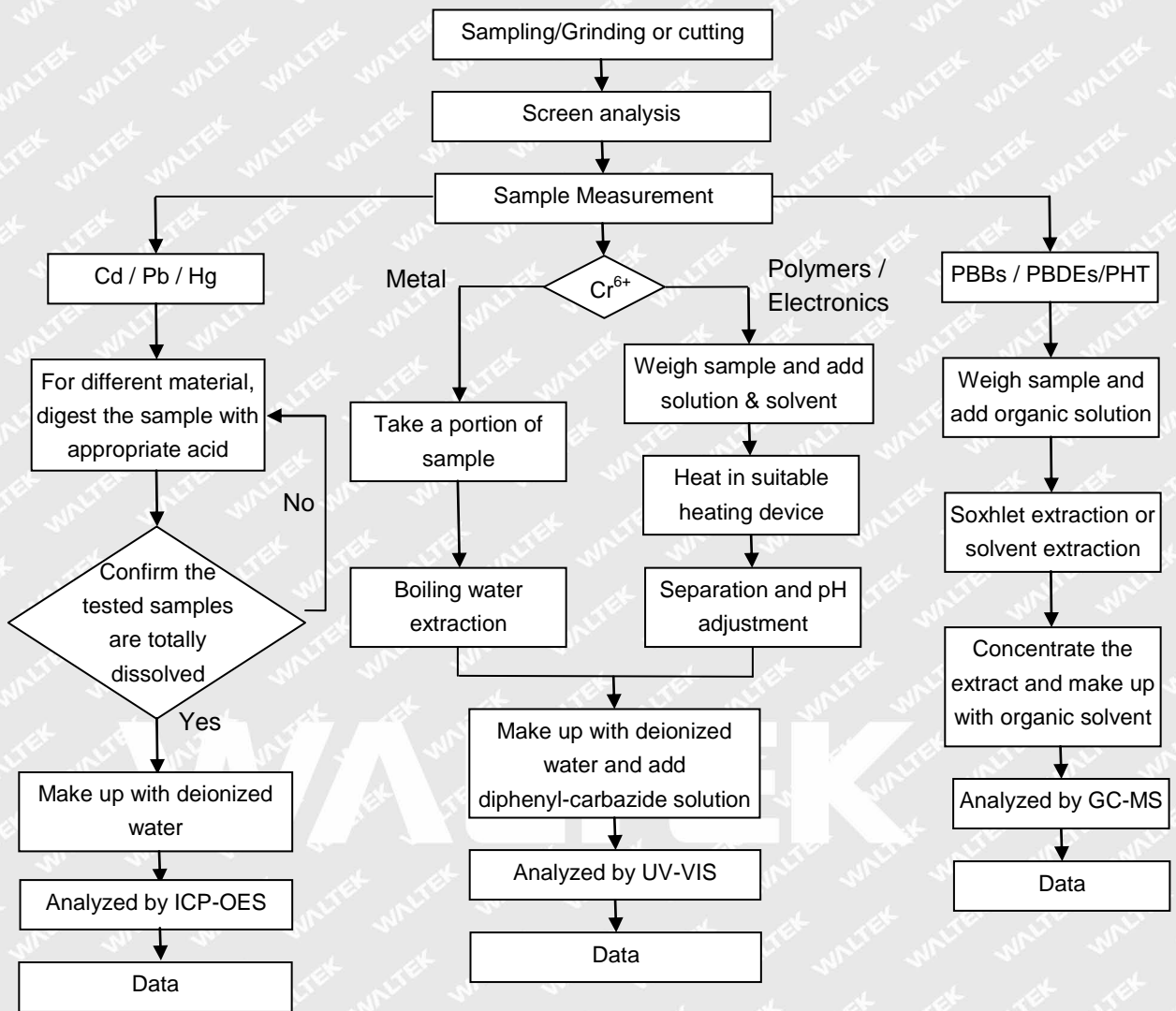
- (6) RoHS requirement

Restricted Substances	Limits
Dibutyl phthalate (DBP)	0.1% (1000 mg/kg)
Benzyl butyl phthalate (BBP)	0.1% (1000 mg/kg)
Di(2-ethylhexyl) phthalate (DEHP)	0.1% (1000 mg/kg)
Di-iso-butyl phthalate (DIBP)	0.1% (1000 mg/kg)

- (7) "△" = As client's requirement, the testing was conducted based on mixed components. Results are calculated by the minimum weight of mixed components.



**Measurement Flowchart:**

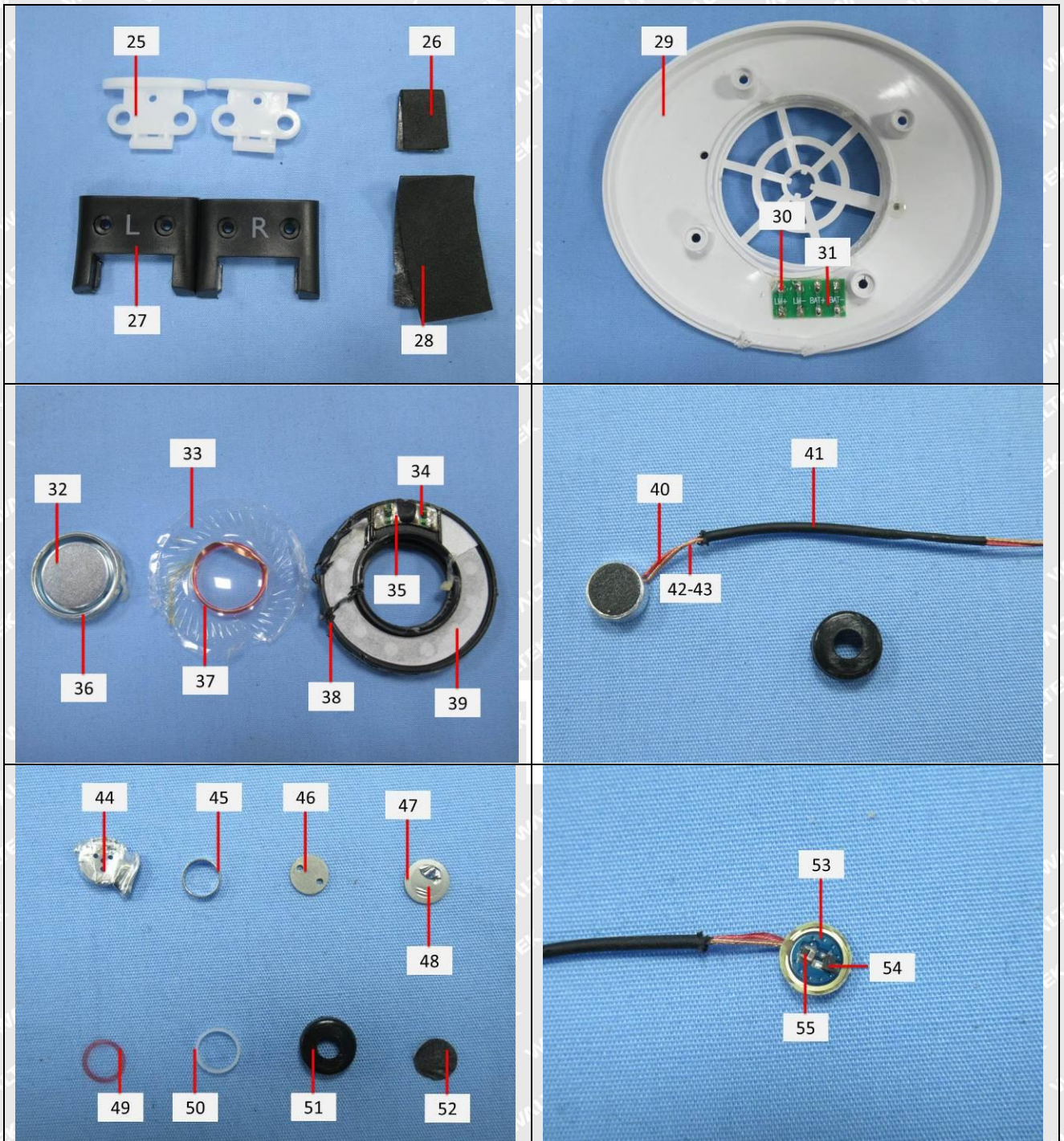


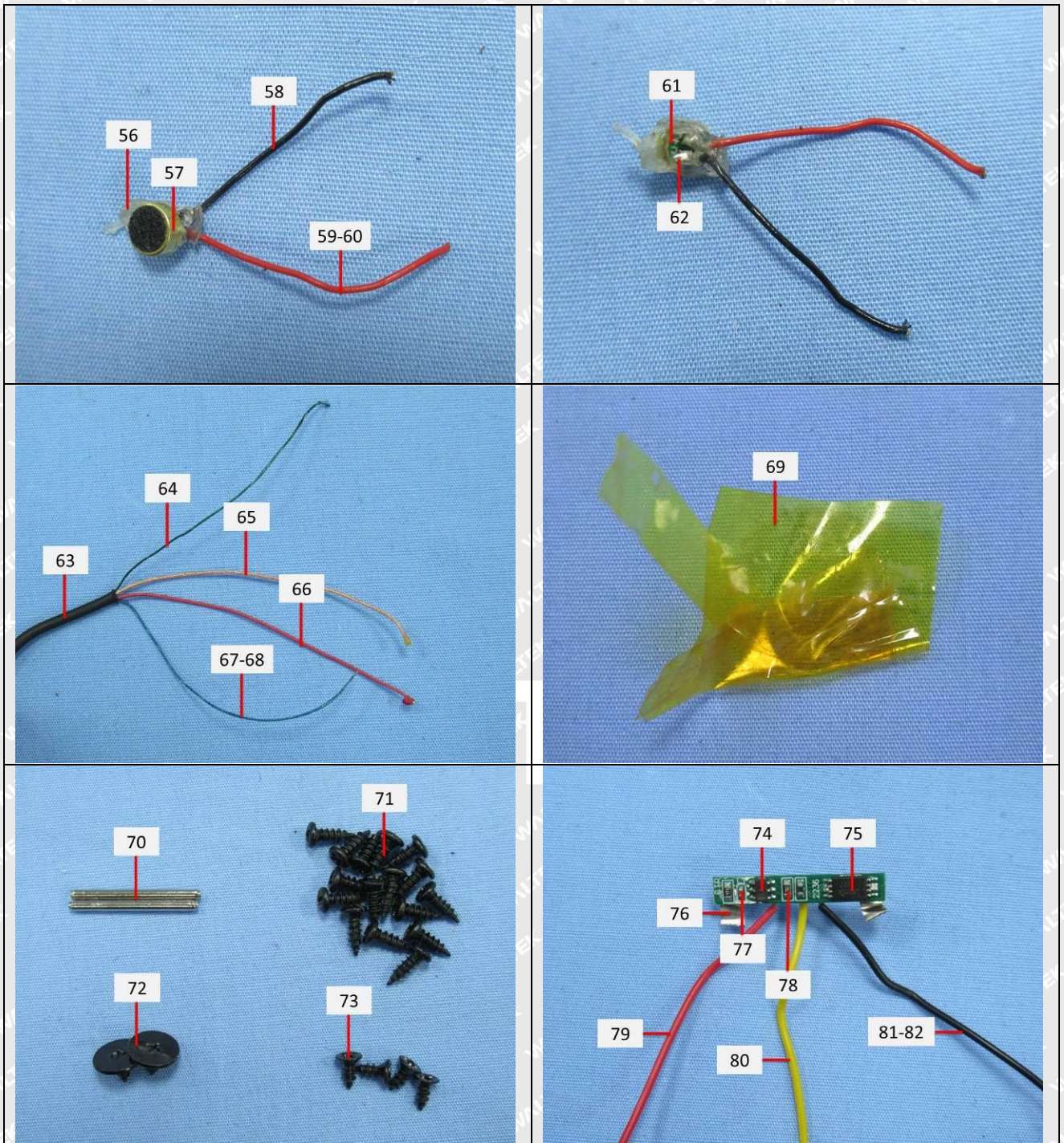


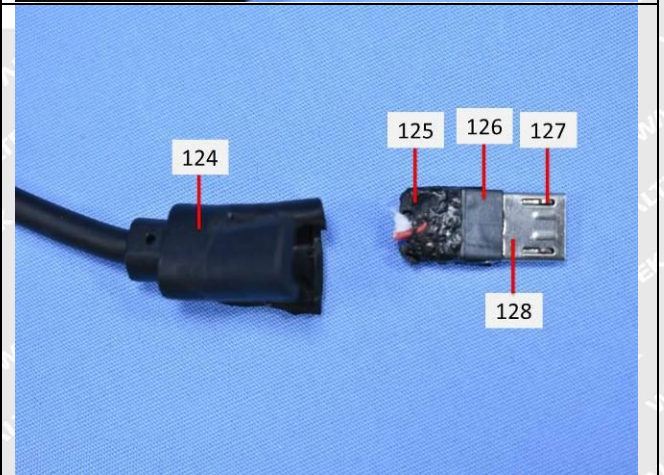
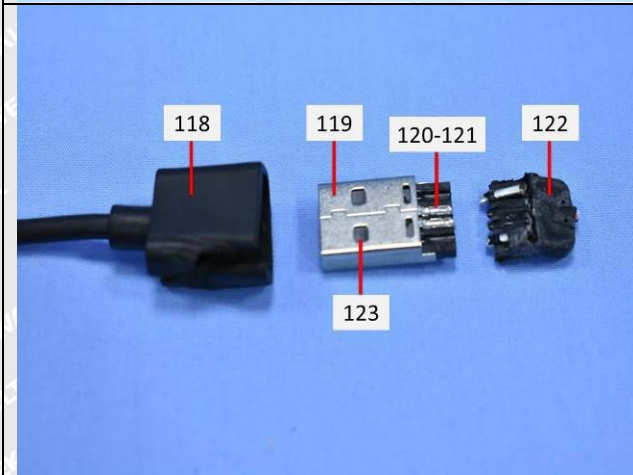
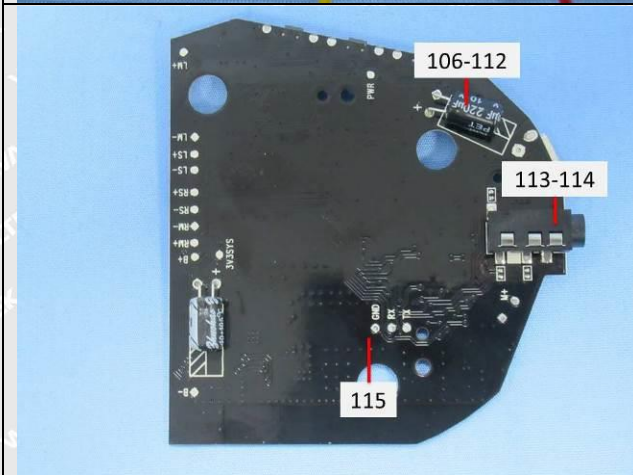
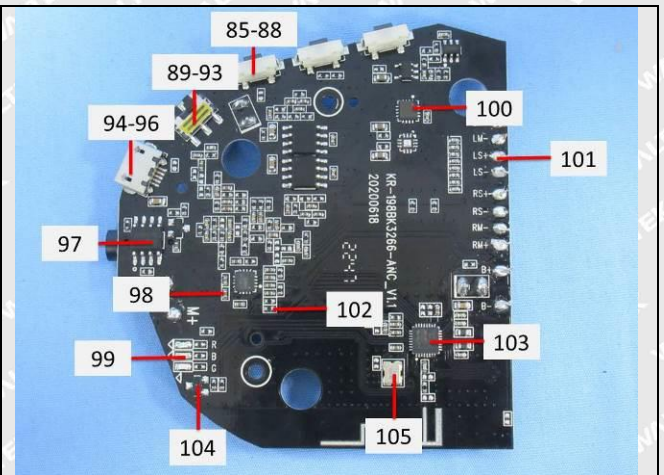
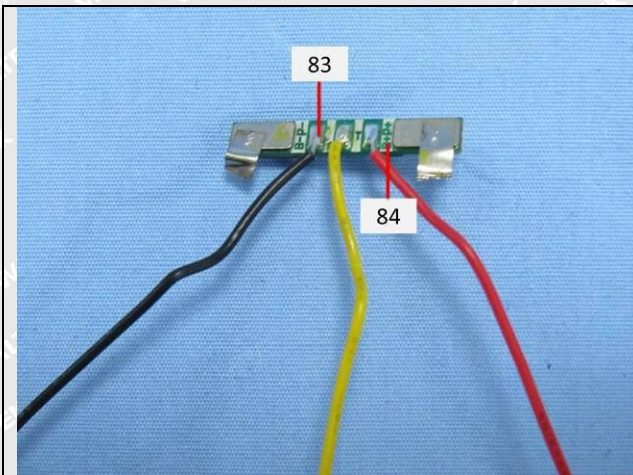


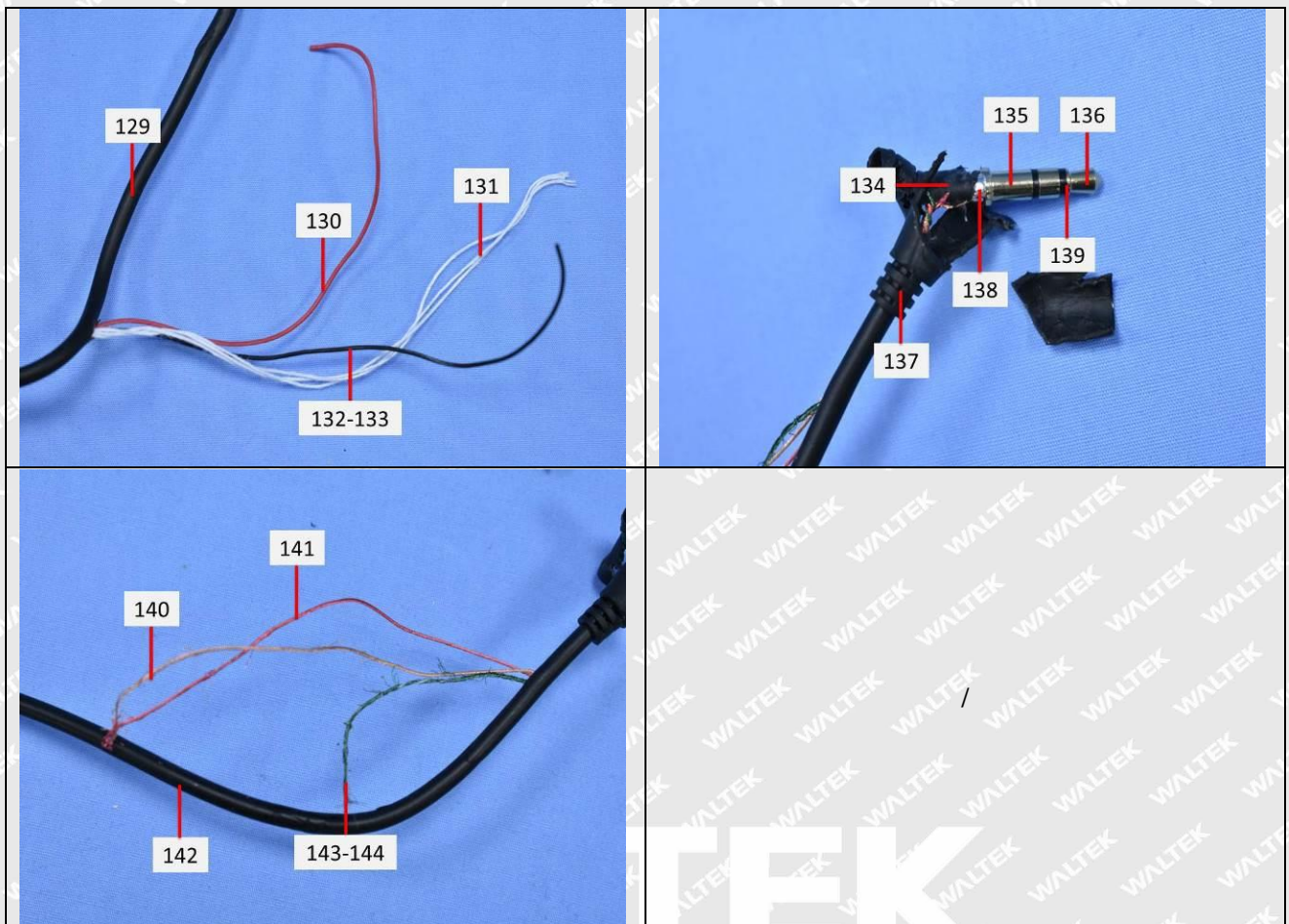
Photograph(s) of parts tested:









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===== End of Report =====