

## Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 1 of 54

**Applicant:** Shenzhen Huafurui Technology Co., Ltd  
**Address:** Unit 1401 & 1402, 14/F, Jinqi Zhigu Mansion (No. 4 Building of Chongwen Garden), Crossing of the Liuxian Street and Tangling Road, Taoyuan Street, Nanshan District, Shenzhen, P.R. China

**The following sample was submitted and identified by/on behalf of the client as:**

**Sample Name:** Smartphone  
**Model No.:** KINGKONG MINI 3  
**Trade Mark:** CUBOT  
**Sample Received Date:** 2022.08.10  
**Testing Period:** 2022.08.10—2022.09.15  
**Test Requested:** As specified by client, to screen the 224 substances of very high concern (SVHC) under Regulation (EC) No. 1907/2006 of REACH in the submitted sample(s).  
**Test Method:** Please refer to the following page(s).  
**Test Result(s):** Please refer to the following page(s).  
**Summary:**

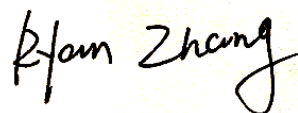
According to the ruling of the Court of Justice the European Union the definition of an article under REACH, and the specified scope and evaluation screening, the test result of SVHC are > 0.1% (w/w) in the articles of the submitted sample.	See remark for obligation under REACH
--	---------------------------------------

Checked by



Justin

Approved by



Ryan Zhang  
Technical Manager



## Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 2 of 54

**Remark:**

1. The chemical analysis of Specified SVHC is performed by means of currently available analytical techniques against the list published by ECHA. This list is under evaluation by ECHA and may subject to change in the future.

2. REACH regulations related to obligations

(a) The chemical analysis of SVHC is performed by means of currently available analytical Techniques against the list published by ECHA, and shall refer to <http://echa.europa.eu/web/guest/candidate-list-table>. This list is under evaluation by ECHA and may subject to change in the future;

(b) Concerning article(s):

Notification: In accordance with Regulation (EC) No 1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if ( i ) the substance is present in those articles in quantities totaling over one ton ne per producer or importer per year; and ( ii ) the substance is present in those articles above a concentration of 0.1% weight by weight (w/w);

Inform: Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance;

(c) Concerning material(s):

Test results in this report are based on the tested sample. This report refers to testing result of tested sample submitted as homogenous material(s). In case such material is being used to compose an article, the results indicated in this report may not represent SVHC concentration in such article. If this report refers to testing result of composite material group by equal weight proportion, the material in each composite test group may come from more than one article. If the sample is a substance or mixture, and it directly exports to EU, client has the obligation to comply with the supply chain communication obligation under Article 31 of Regulation (EC) No.1907/2006 and the conditions of Authorization of substance of very high concern included in the Annex XIV of the Regulation (EC) No. 1907/2006.

(d)Concerning substance and preparation:

If a SVHC is found over 0.1% (w/w) and/or the specific concentration limit which is set in Regulation (EC) No 1272/2008 and No 790/2009, client is suggested to prepare a Safety Data Sheet (SDS) against the SVHC to comply with the supply chain communication obligation under Regulation (EC) No 1907/2006.

3. If a SVHC is found over the reporting limit, client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

**Test Method:**

With reference to US EPA3052:1996, US EPA3050B:1996, US EPA3060A:1996, US EPA3550C:2007, US EPA3540C:1996, ISO17353:2004(E); Analysis was performed by GC-MS, ICP-OES, UV-Vis, HPLC-MS etc.

## Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 3 of 54

### Test Result:

No.	Substance Name	CAS No.	Results (%)	RL(%)
001	All tested SVHC in candidate list	-	N.D.	-
002	All tested SVHC in candidate list	-	N.D.	-
003	Lead	7439-92-1	1.32	0.01
	Other tested SVHC in candidate list	-	N.D.	-
004	All tested SVHC in candidate list	-	N.D.	-
005	All tested SVHC in candidate list	-	N.D.	-
006	All tested SVHC in candidate list	-	N.D.	-
007	1,3-propanesultone	1120-71-4	0.45	0.05
	Other tested SVHC in candidate list	-	N.D.	-
008	All tested SVHC in candidate list	-	N.D.	-
009	Lead	7439-92-1	1.98	0.01
	Other tested SVHC in candidate list	-	N.D.	-
010	All tested SVHC in candidate list	-	N.D.	-

### Material group:

- 001. Nonmetal group
- 002. Nonmetal group
- 003. Metal group
- 004. Nonmetal group
- 005. Nonmetal group
- 006. Nonmetal group
- 007. Battery
- 008. Metal group
- 009. Metal group
- 010. Glass

Group No.	Sample No.	Description
001	1	White plastic
	2	White plastic
	3	Black plastic
	4	White dry glue

## Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 4 of 54

	5	Green PCB
	6	White plastic
	7	White plastic
	8	Green PCB
	9	White soft plastic
	10	Yellow plastic label
	11	White plastic cable jacket
	12	Black plastic jacket
	13	Green plastic jacket
	14	Red plastic jacket
	15	White plastic jacket
	16	White plastic
	17	White translucent dry glue
	18	LT.yellow plastic
	19	Grey plastic
	20	Blue PCB
002	21	White plastic
	22	White dry glue
	23	White plastic jacket
	24	Blue enamelled wire
	25	Copper-green enamelled wire
	26	Green enamelled wire
	27	Copper color enamelled wire
	28	Red enamelled wire
	29	Grey plastic
	30	Blue PCB
	31	White soft plastic
	32	White plastic
	33	Blue PCB
	34	White plastic
	35	Blue non-woven fabric
	36	Black non-woven fabric
	37	White double-side tape
	38	Transparent plastic
	39	White net fabric
	40	Green PCB

## Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 5 of 54

003	41	Silvery color metal
	42	Silvery color metal
	43	Silvery color metal screw
	44	Silvery color metal
	45	Silvery color metal
	46	Copper color metal wire core
	47	Silvery color metal
	48	Silvery color metal pin
	49	Silvery color metal
	50	Silvery color metal pin
	51	Silvery color metal
	52	Silvery color metal
	53	Silvery color metal
	54	Silvery color metal pin
	55	Silvery color metal
	56	Copper color enamelled wire
	57	Silvery color magnet
	58	Silvery color metal
	59	Silvery color metal
004	60	Black plastic
	61	Red plastic
	62	Transparent plastic w/ black coating
	63	Transparent plastic
	64	Black soft plastic
	65	Black soft plastic
	66	Black plastic
	67	White translucent soft plastic
	68	Black double-side tape
	69	Black FPC
	70	Black foam
	71	Black FPC
	72	Transparent plastic
	73	Black plastic
	74	Silvery color plastic
	75	Black plastic
	76	Silvery color surfaced plastic

## Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 6 of 54

	77	Yellow FPC
	78	Silvery color plastic film
	79	Black plastic
005	80	Black plastic jacket
	81	Black FPC
	82	Black net fabric
	83	Black soft plastic
	84	Yellow FPC
	85	Silvery color textile tape
	86	Silvery color foam
	87	Black FPC
	88	Silvery color translucent plastic
	89	Black plastic tape
	90	Silvery color translucent plastic
	91	White translucent plastic
	92	Transparent plastic
	93	Silvery color plastic
	94	White FPC
	006	95
96		Red plastic jacket
97		Blue plastic jacket
98		Black soft plastic
99		Green PCB
100		White plastic
101		Yellow FPC
102		Black plastic
103		Transparent plastic
104		Grey plastic
105		Black FPC
106		Silvery color double-side tape
107		Blue PCB
108		Blue PCB
109		White plastic label
007	110	Battery
008	111	Silvery color metal w/ black coating
	112	Silvery color metal screw w/ black coating

## Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 7 of 54

	113	Black surfaced metal	
	114	Black surfaced metal	
	115	Silvery color metal	
	116	Silvery color metal screw	
	117	Copper color metal	
	118	Copper color metal	
	119	Silvery color metal spring	
	120	Silvery color metal	
	121	Silvery color metal	
	122	Copper color enamelled wire	
	123	Silvery color magnet	
	124	Silvery color metal	
	125	Silvery color metal wire core	
	009	126	Copper color metal nut
		127	Silvery color metal
128		Silvery color metal	
129		Silvery color metal	
130		Silvery color magnet	
131		Silvery color metal	
132		Copper color enamelled wire	
133		Copper color metal	
134		Silvery color metal	
135		Silvery color magnet	
136		Copper color enamelled wire	
137		Silvery color metal	
138		Copper color metal	
010	139	Transparent glass	
	140	Grey glass screen	
	141	Transparent glass	



## Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 8 of 54

- Note:
- 1.- RL = Report Limit
  2. -N.D. = Not Detected (<report limit)
  3. -0.1%= 1000 mg/kg =1000 ppm
  4. -\*: Concentration value of the substance by the conversion from the test results of certain elements. Concentration value of Bis(tributyltin)oxide by the conversion from the test results of Tributyl Tins.
  5. -\*\*:.All refractory ceramic fibres are covered by index number 650-017-00-8 in Annex VI of the Regulation on Classification, Labeling and Packaging of chemical substances and mixtures, the so called CLP Regulation (Regulation (EC) No 1272/2008).
  6. -\*\*\*: C.I.: Colour Index
  7. -\*\*\*\*:Light fractions from distillation
  8. -\*\*\*\*\*:Concentration value of Disodium tetraborate, anhydrous and Tetraboron disodium heptaoxide, hydrate is evaluated by Disodium tetraborate, with no consider of the hydrate.
  9. -<sup>①</sup>:In view of the substances are established as UVCB substances (substances of unknown or variable composition, complex reaction products or biological materials) consisting of different and variable constituents, the test results are calculated based on the main constituents of the representative compounds for substances.
  10. -<sup>②</sup>:In view of the substance contain variable substances, the test results are calculated based on main constituents of the representative compounds for the substances, and the test results of the representative compounds are calculated based on the result of specified heavy metal elements.
  11. -<sup>③</sup>:Concentration value of Boric acid; Disodium tetraborate, anhydrous; Tetraboron disodium heptaoxide, hydrate; Diboron trioxide; Sodium peroxometaborate; Sodium perborate; perboric acid, sodium salt are calculated by the conversion from the test results of certain elements and confirmed by appropriate solvent extraction, meanwhile the book of materials is suggested to be checked for further confirmation.
  12. As specified by client, the submitted sample were weight equal proportion mixed to test, the test results are calculated based on the minimum sample weight.



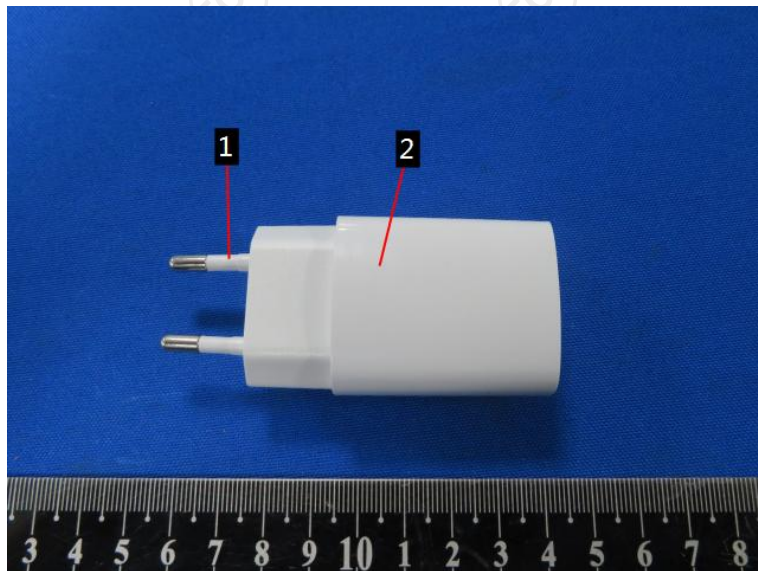
# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 9 of 54

## Photo(s) of the sample(s)

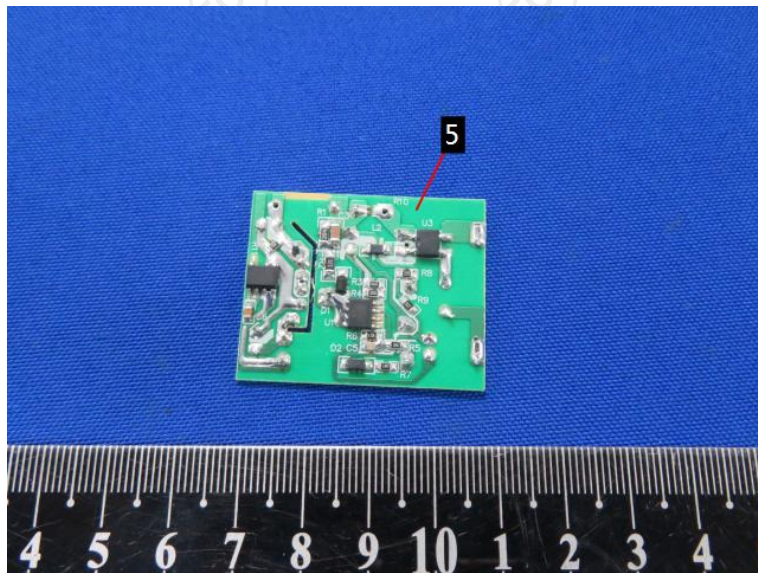
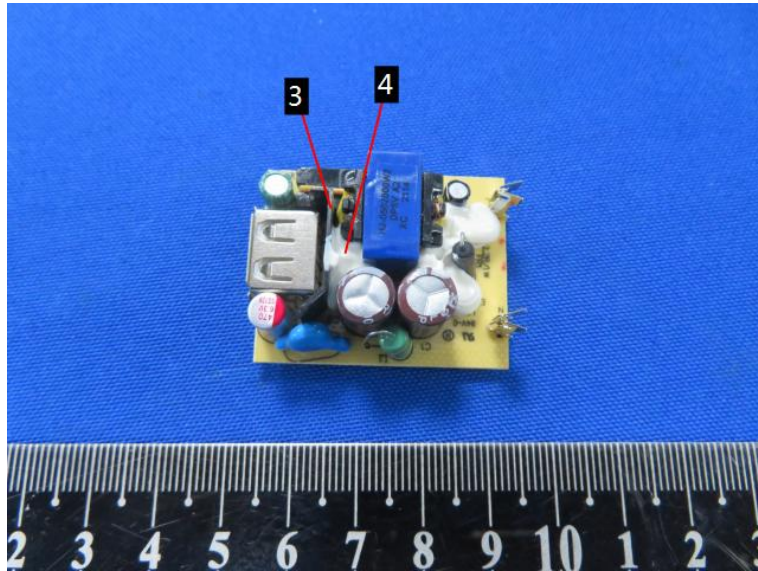


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 10 of 54

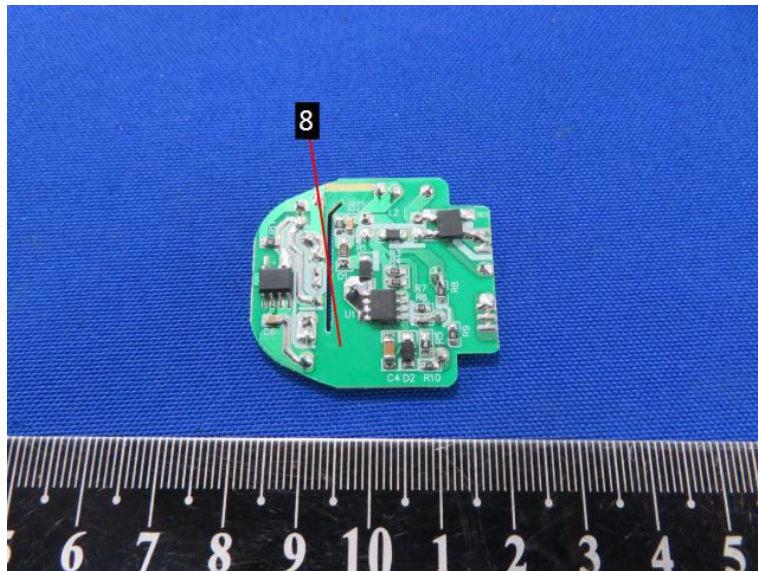
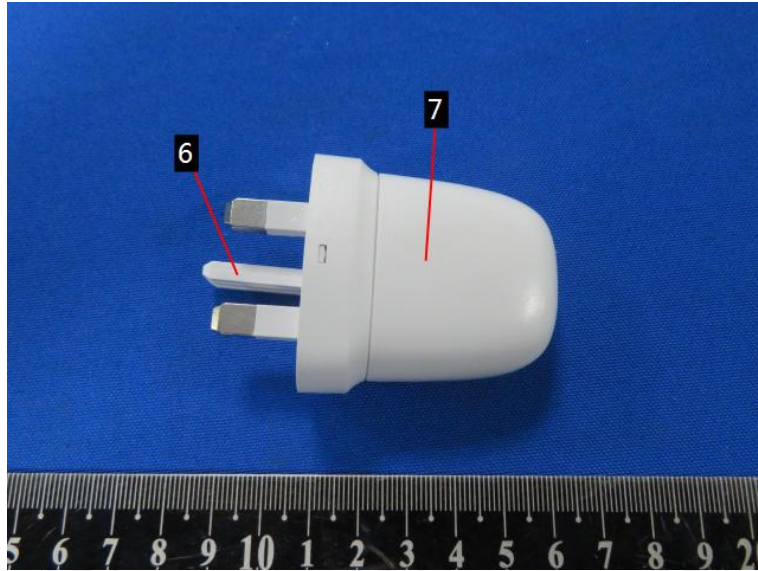


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 11 of 54



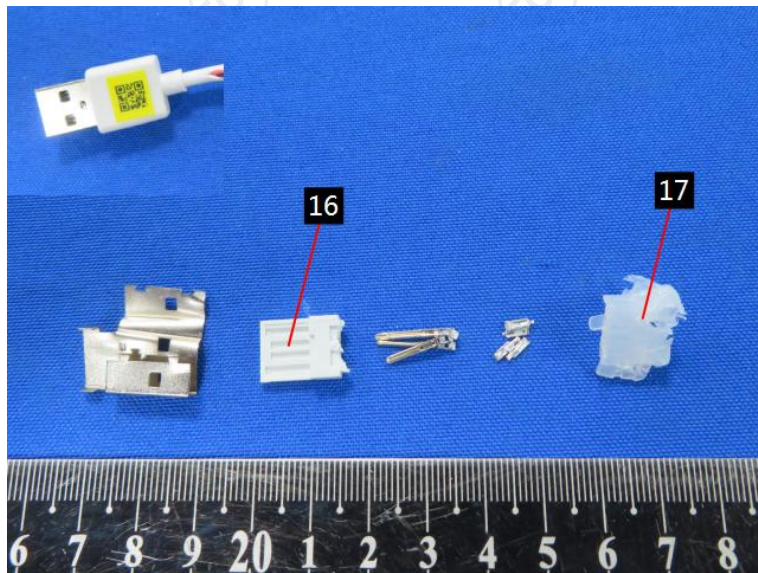
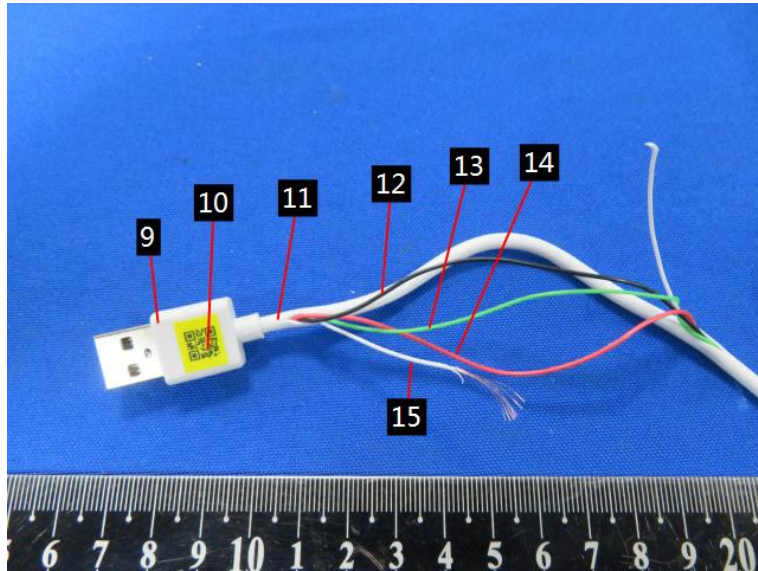


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 12 of 54

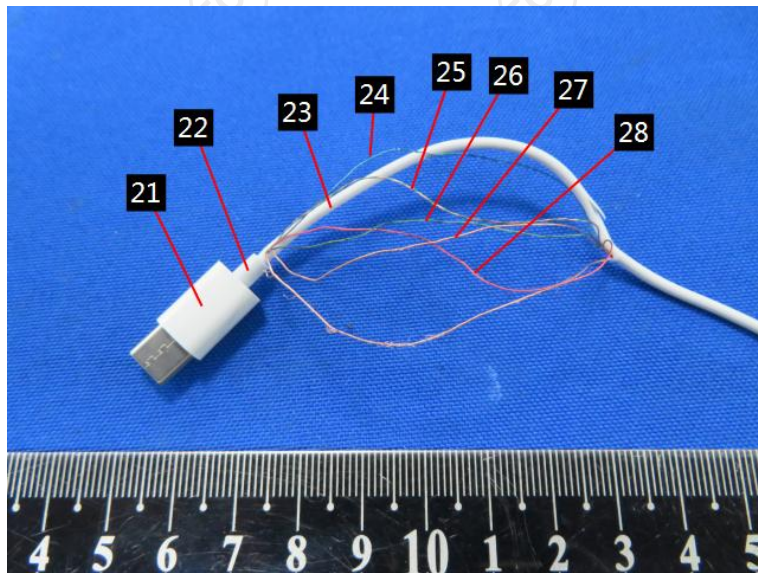
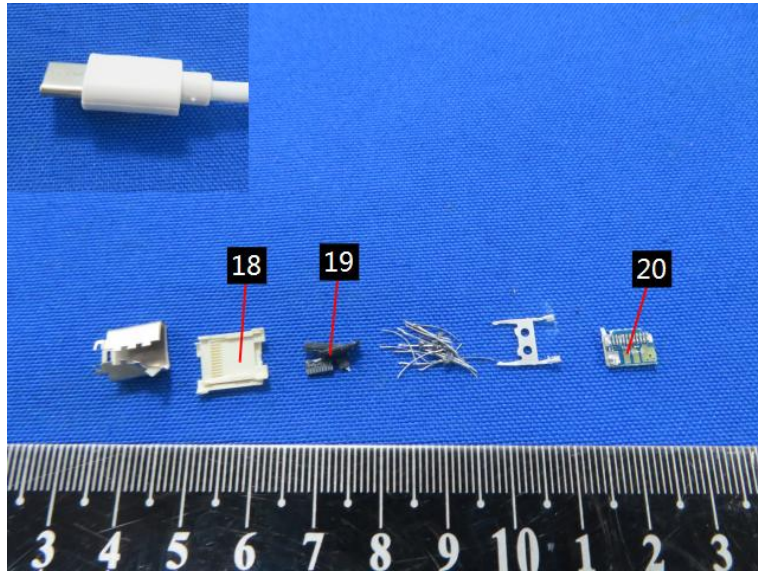


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 13 of 54



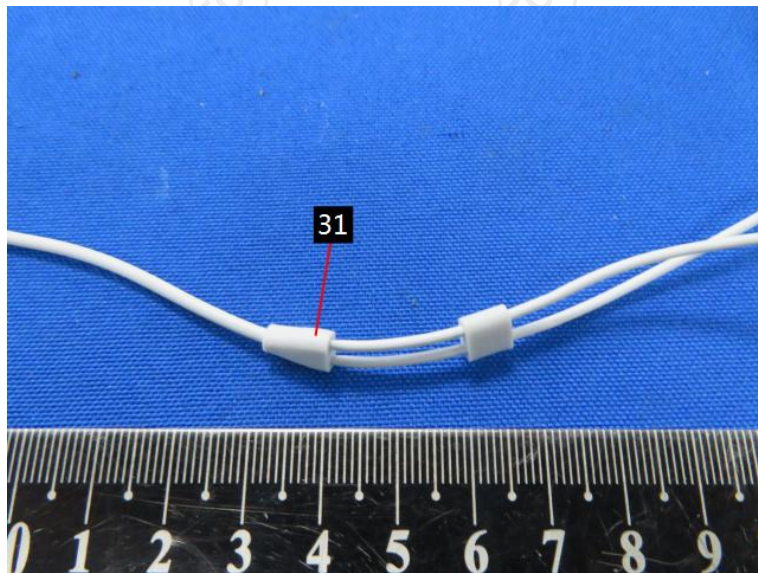
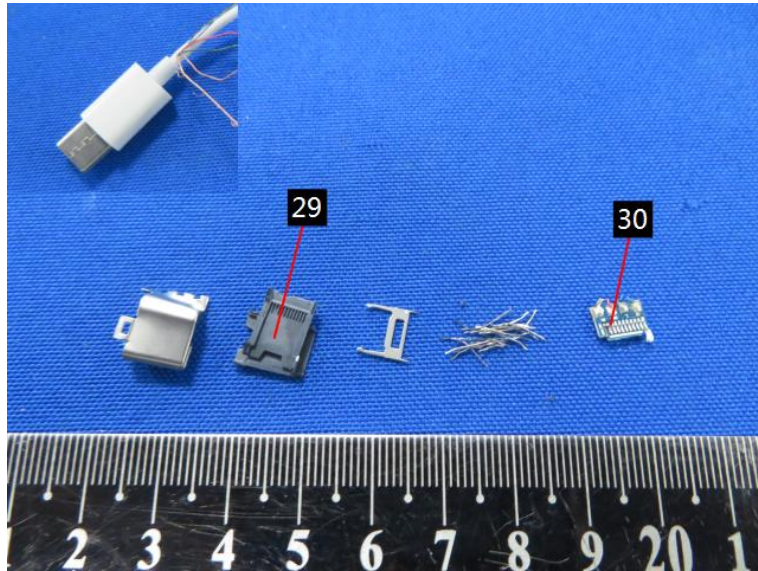


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 14 of 54

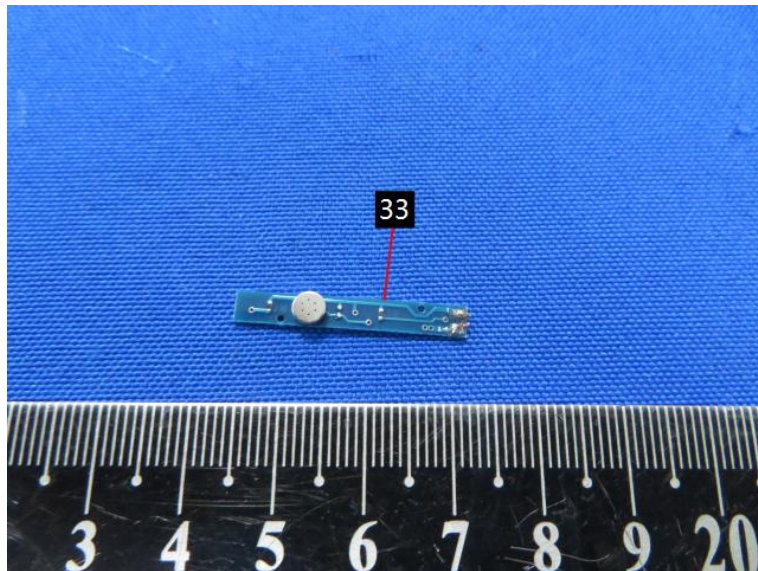
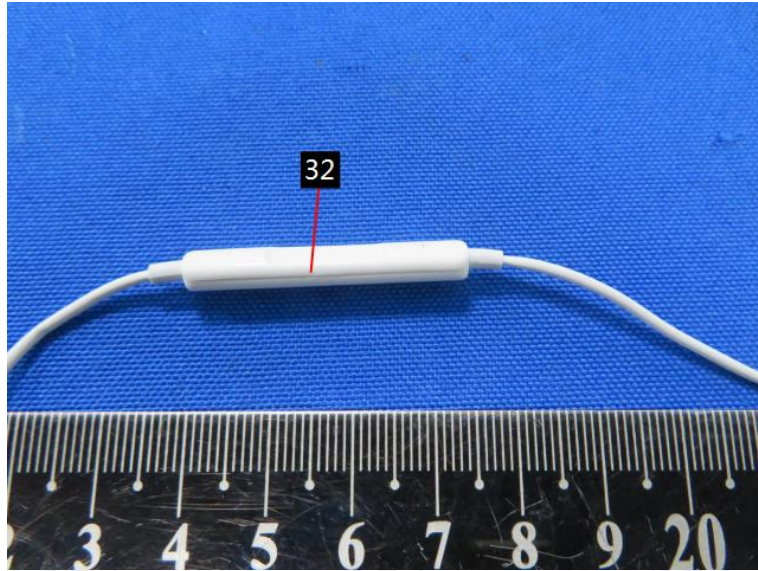


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 15 of 54



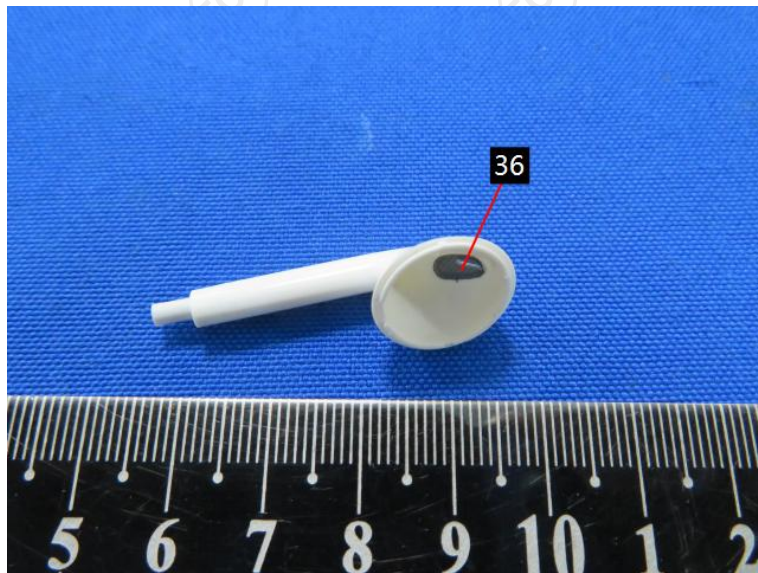
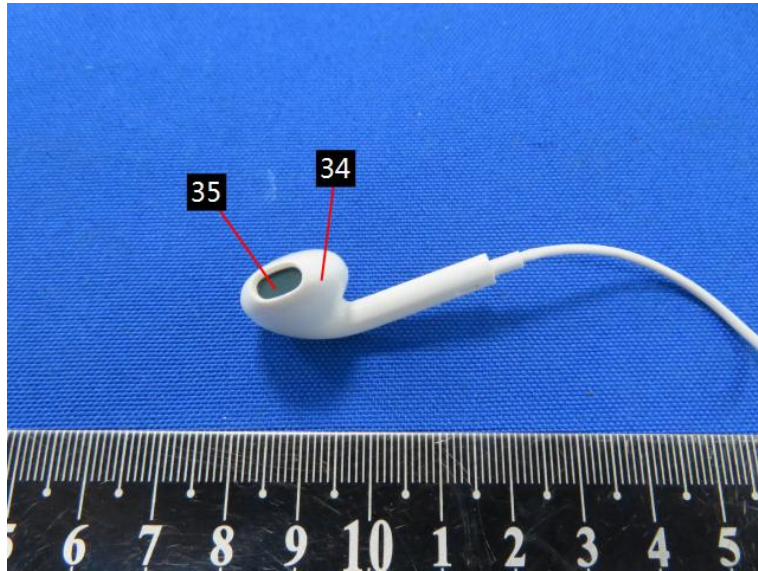


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 16 of 54

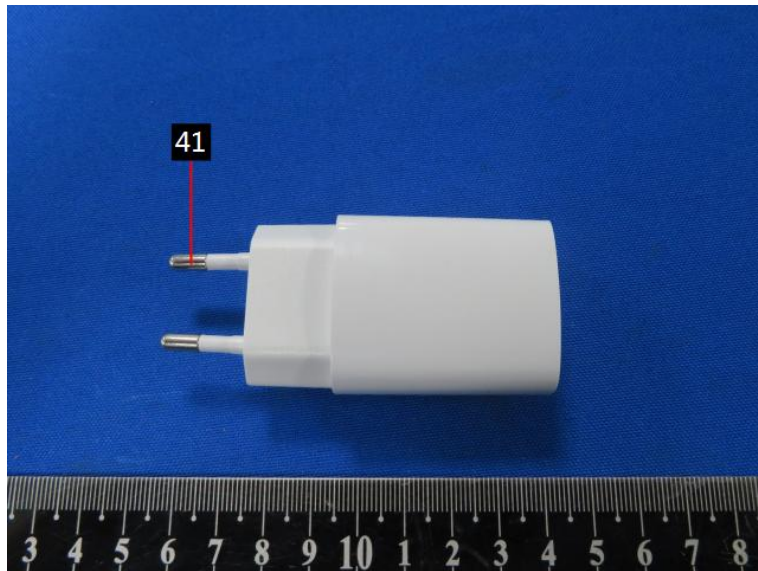
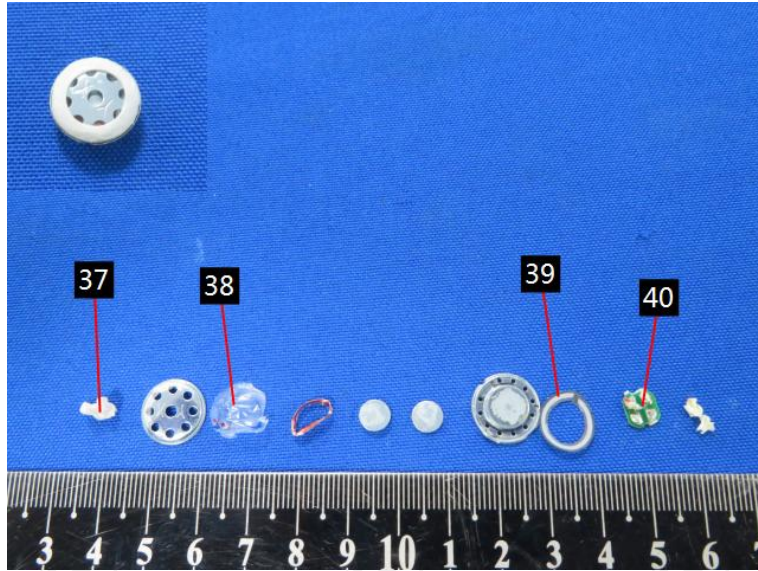


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 17 of 54

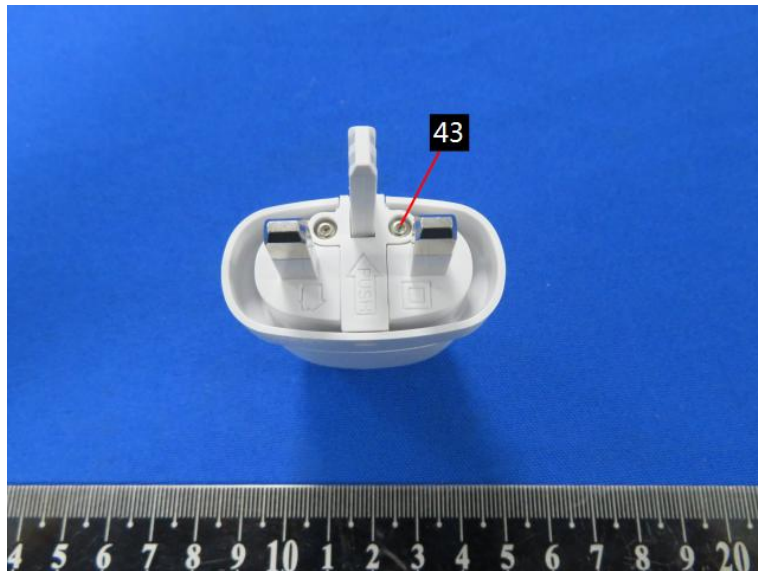
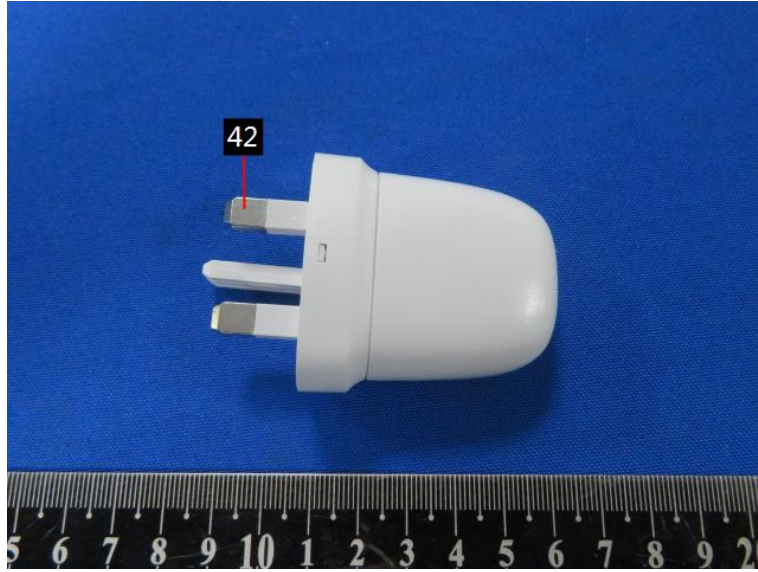


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 18 of 54



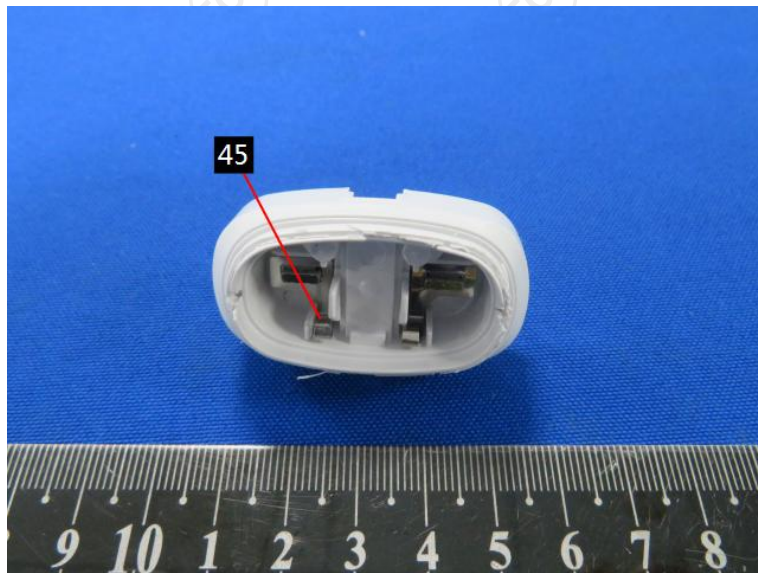
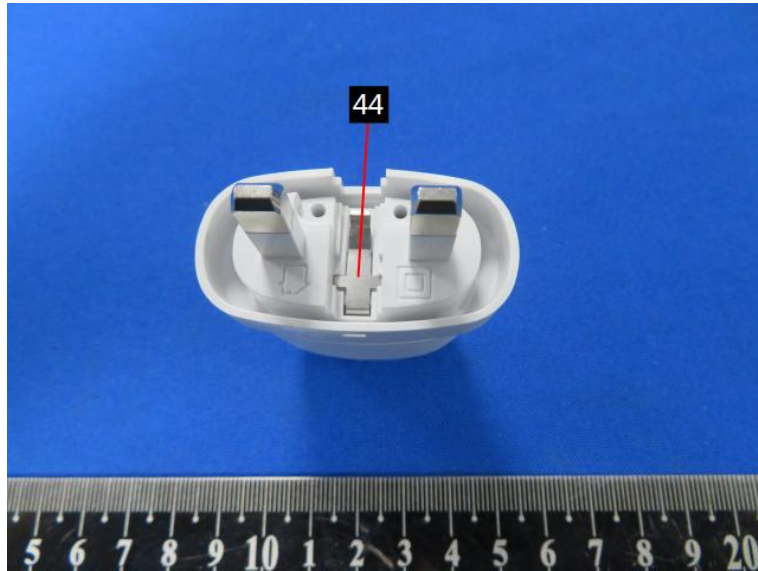


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 19 of 54

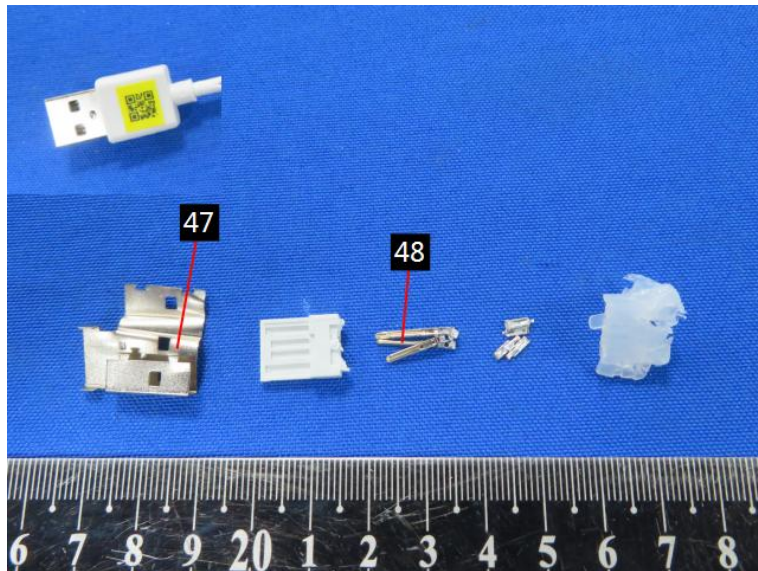
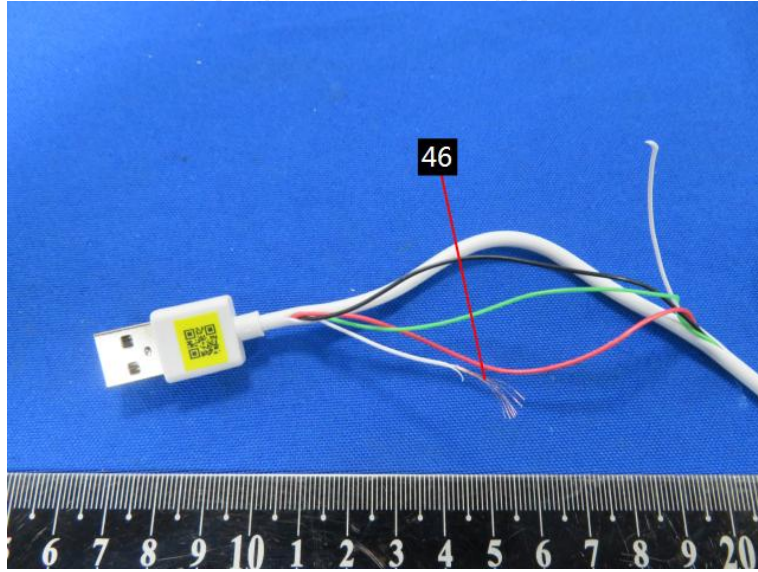


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 20 of 54

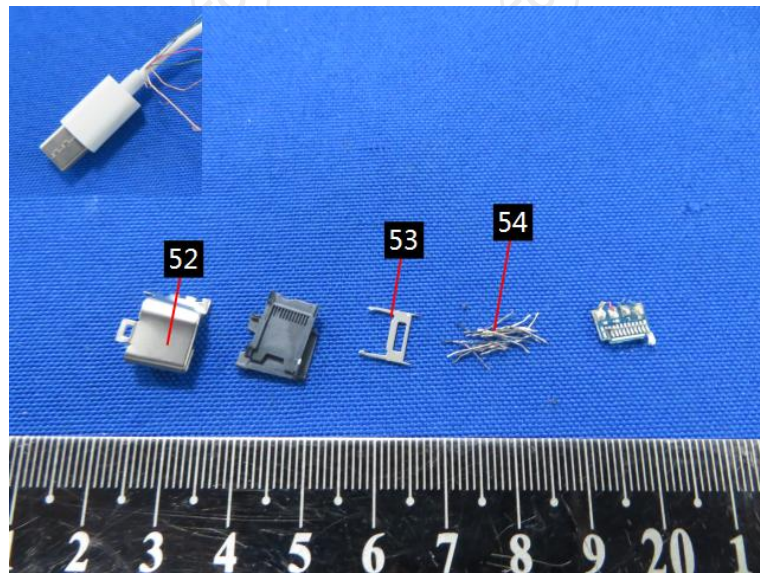
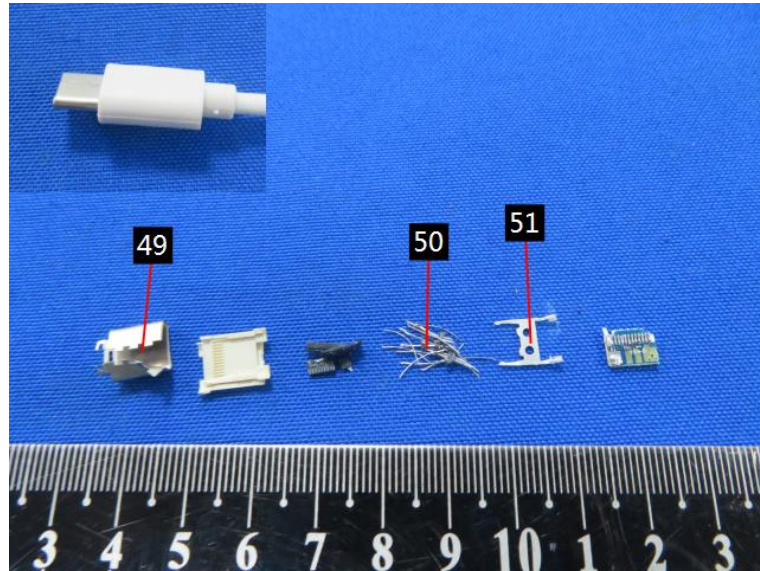


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 21 of 54



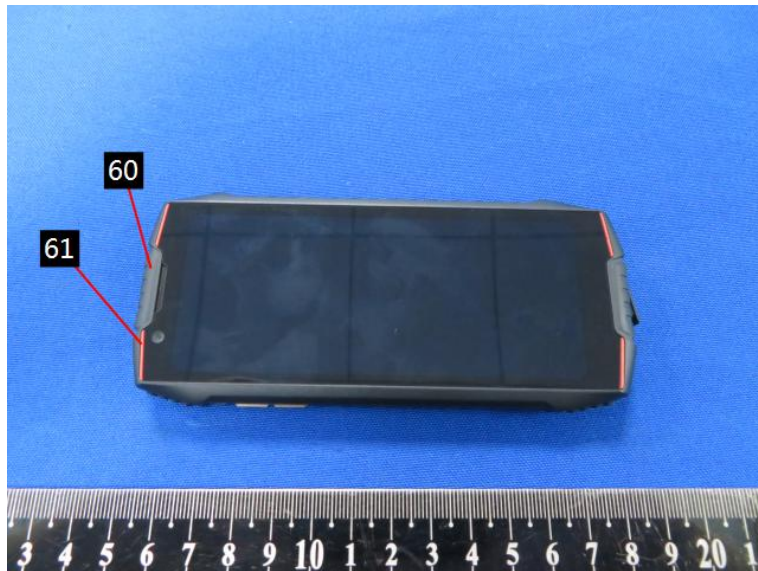
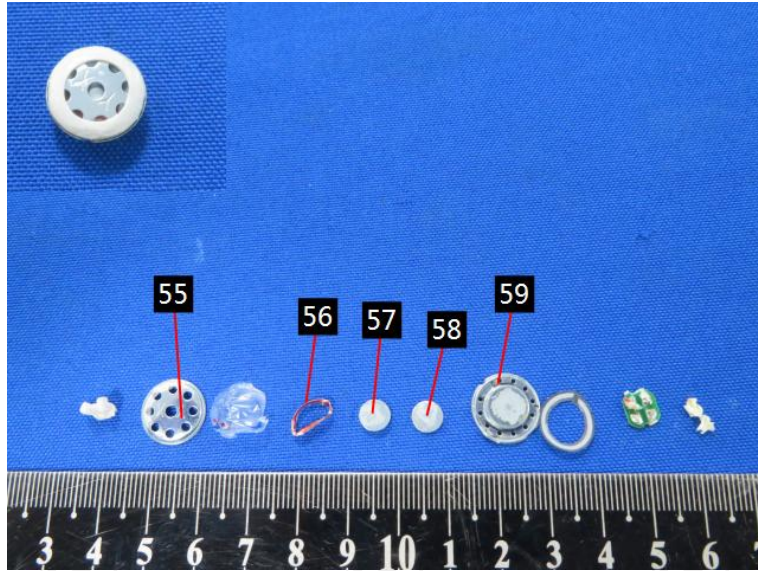


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 22 of 54



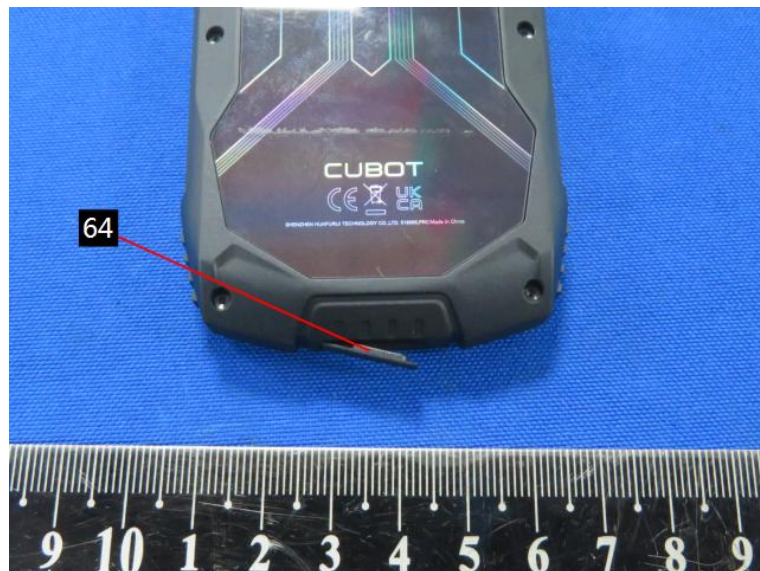
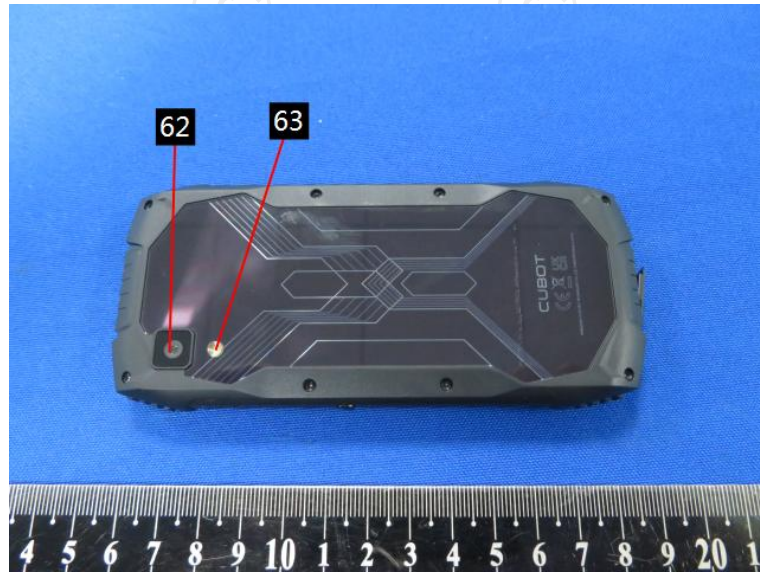


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 23 of 54

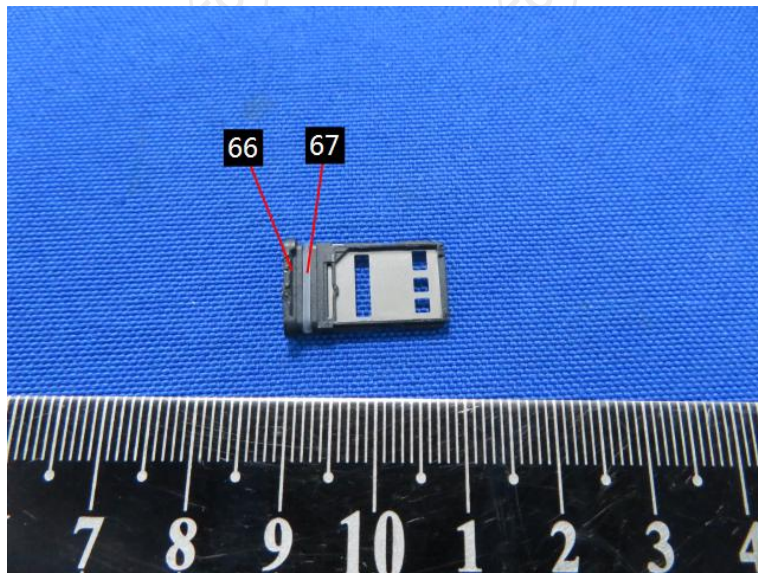
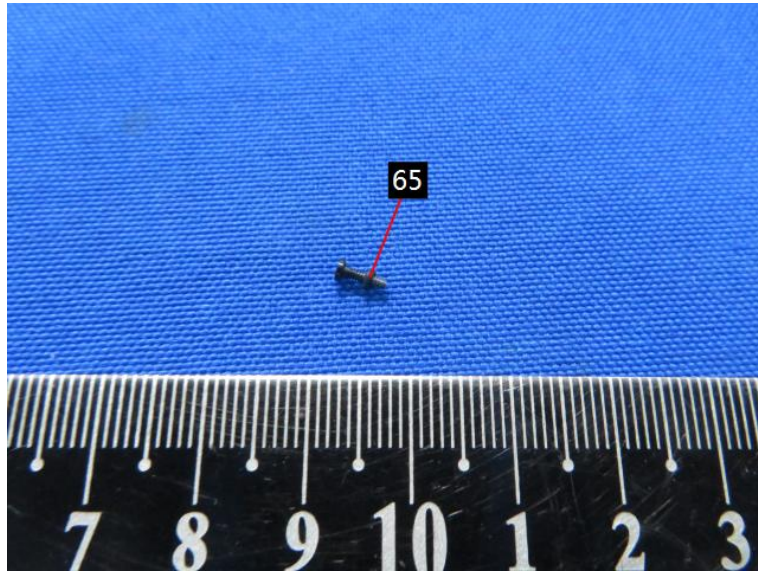


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 24 of 54



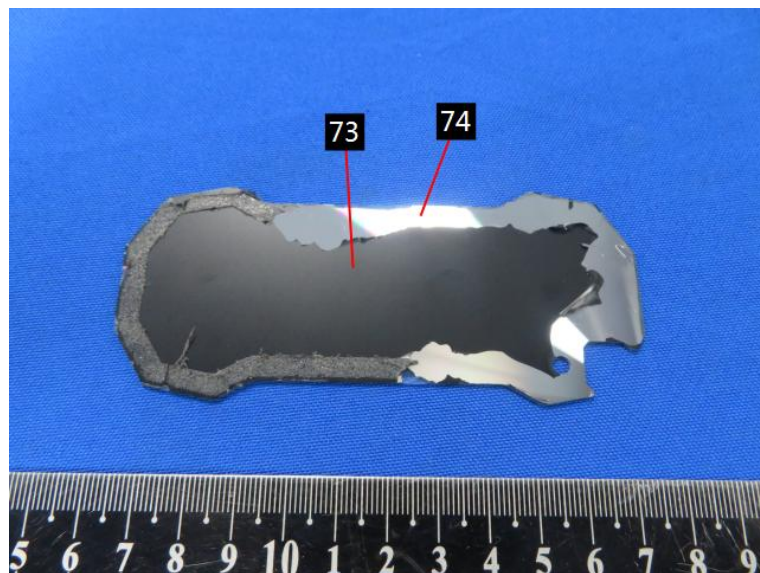


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 25 of 54

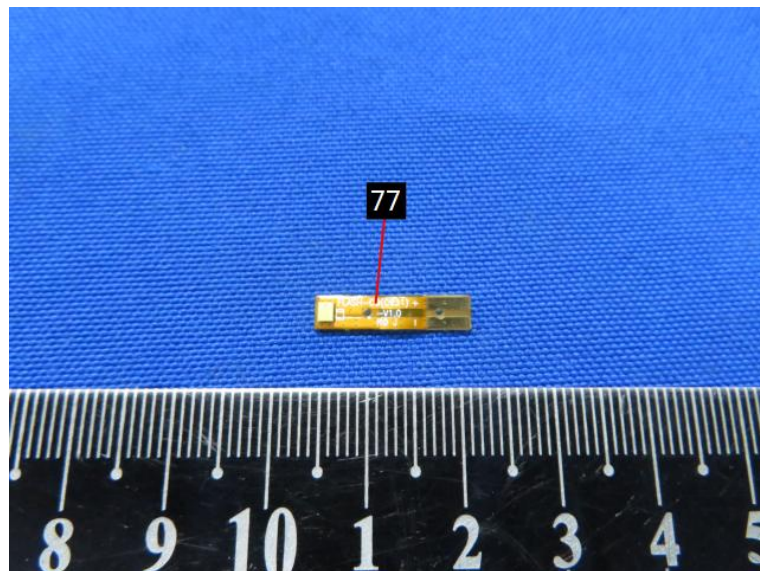


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 26 of 54



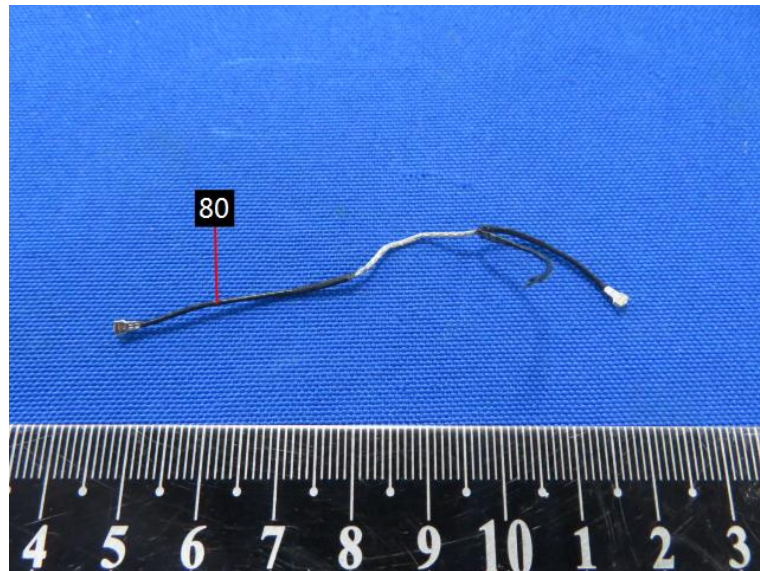
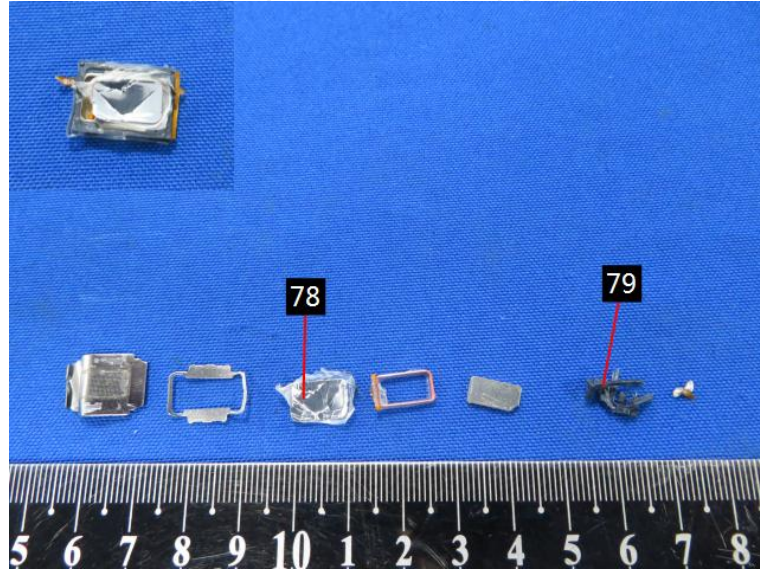


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 27 of 54

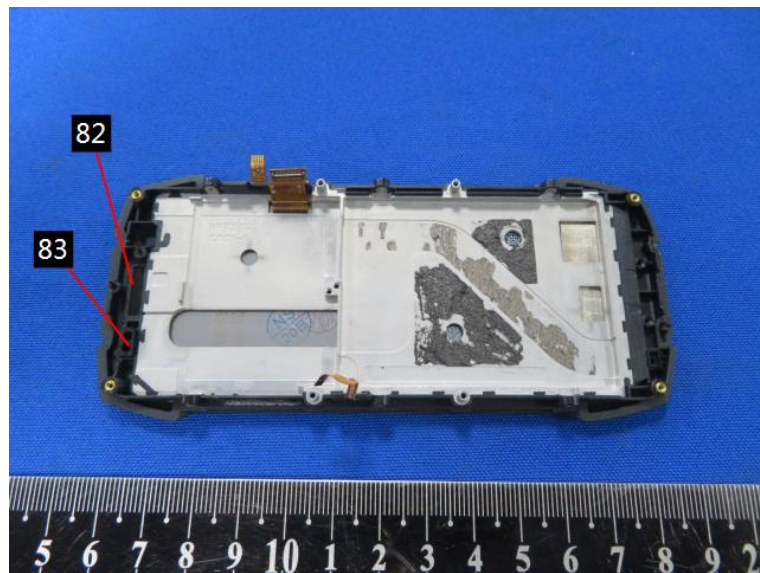
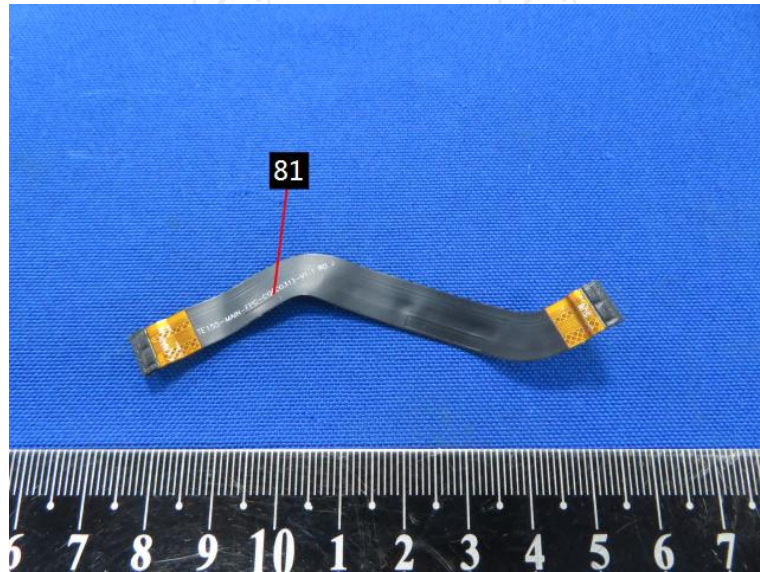


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 28 of 54



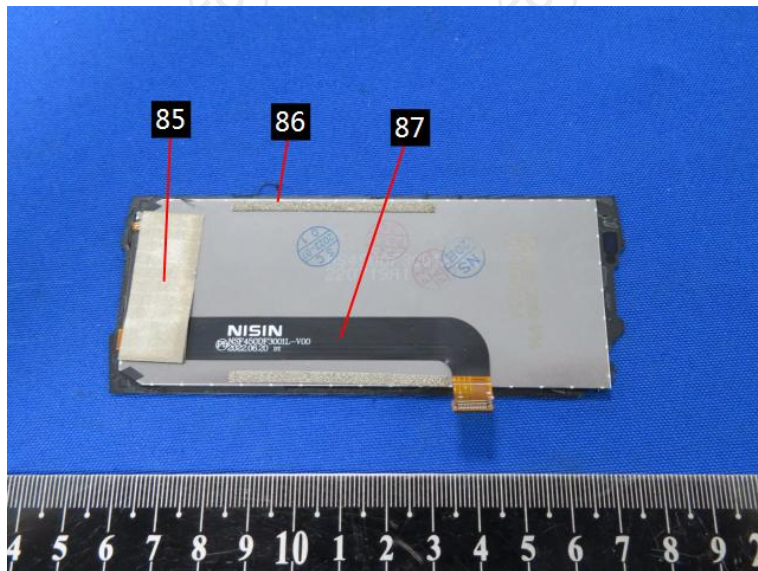
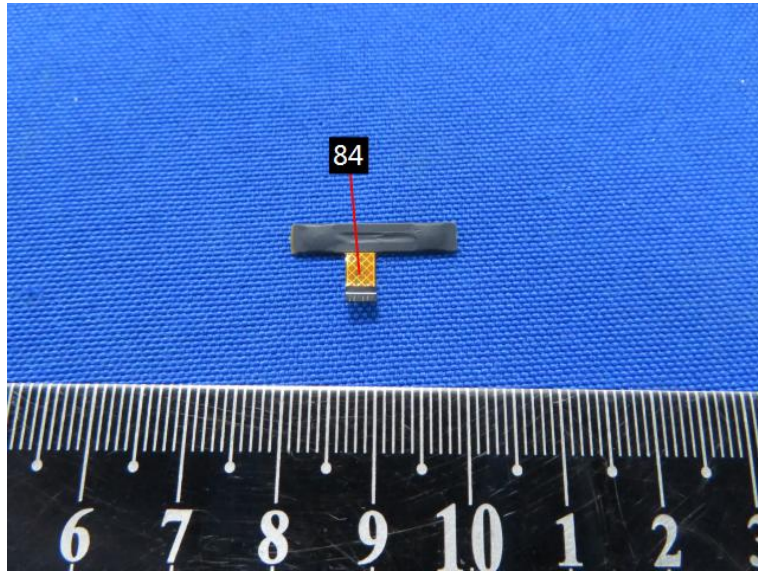


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 29 of 54



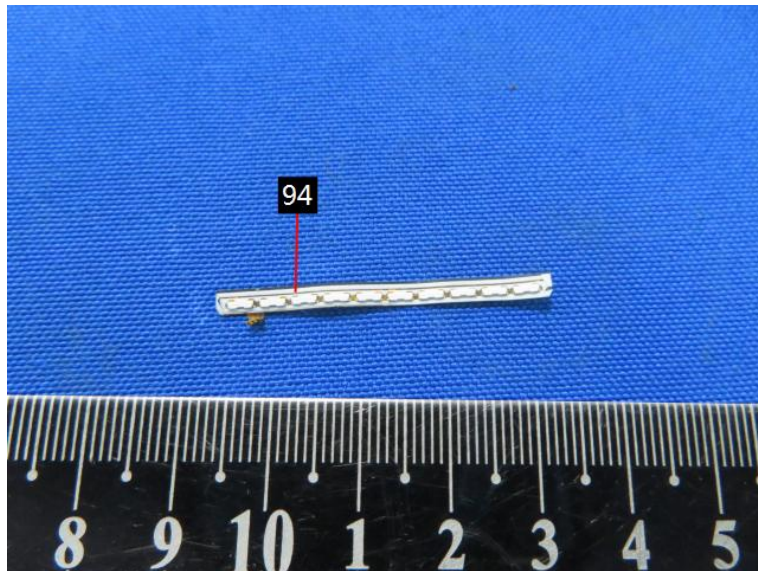
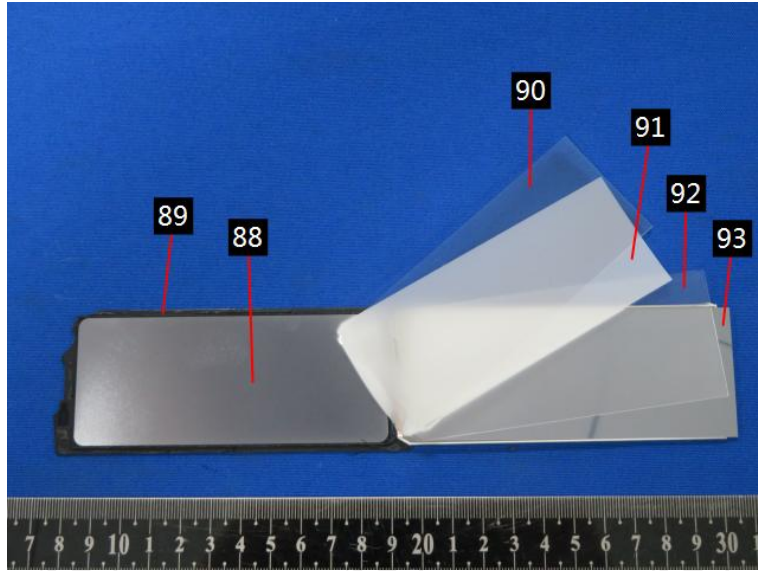


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 30 of 54

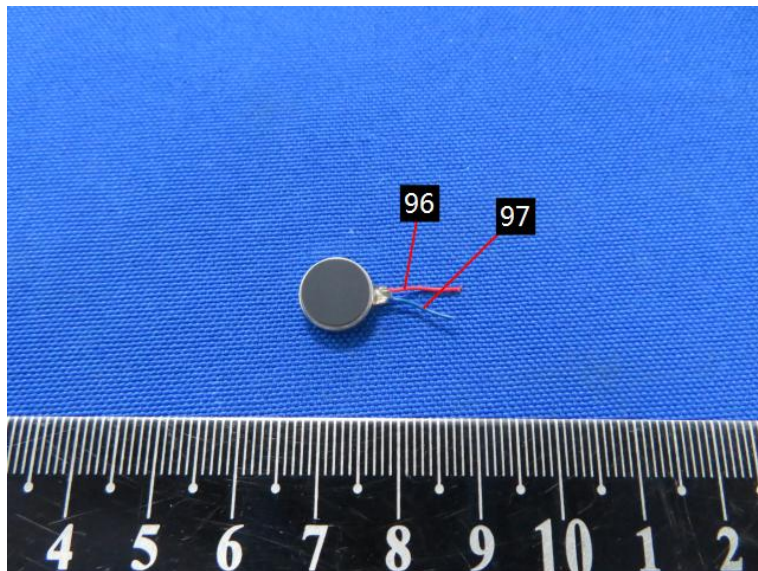
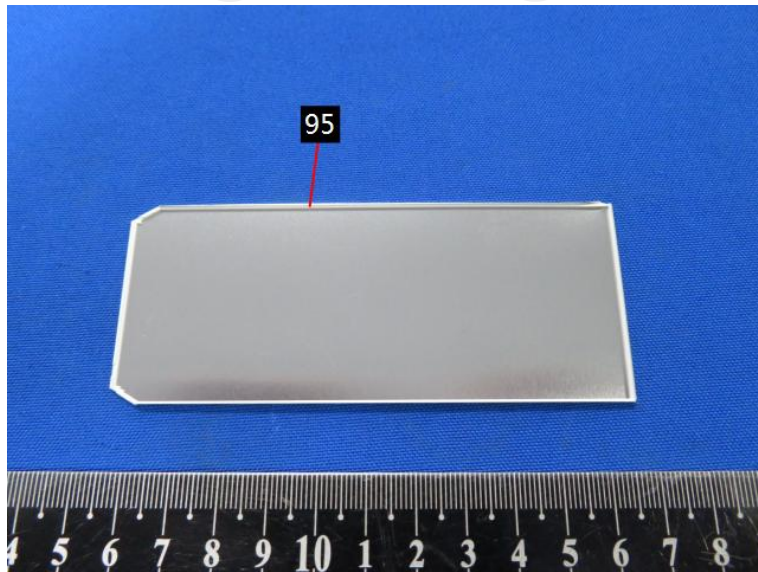


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 31 of 54



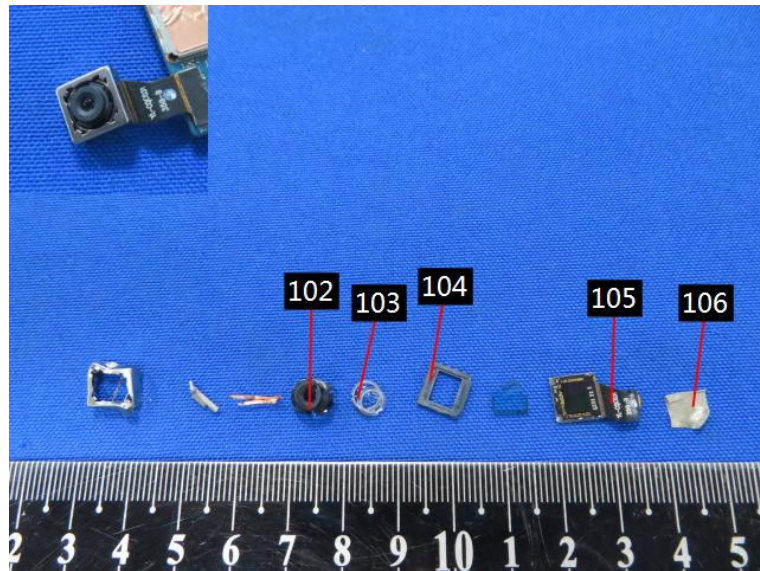
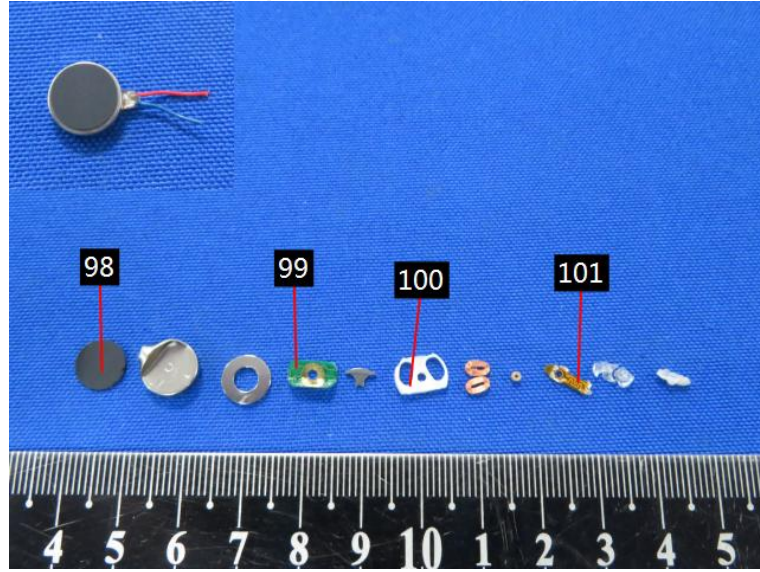


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 32 of 54

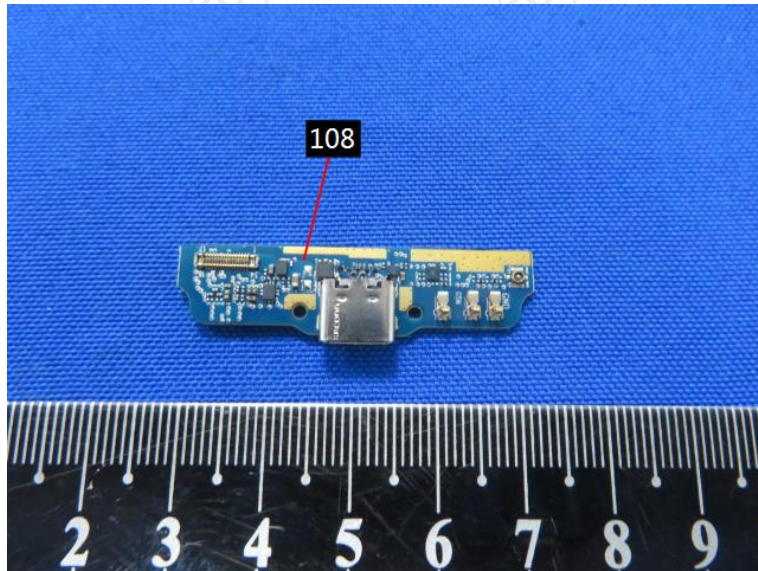
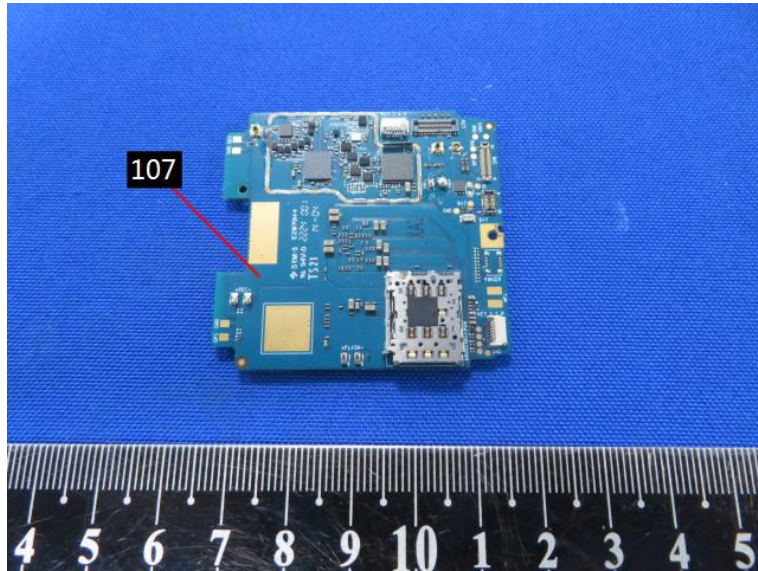


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 33 of 54





# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 34 of 54



# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 35 of 54

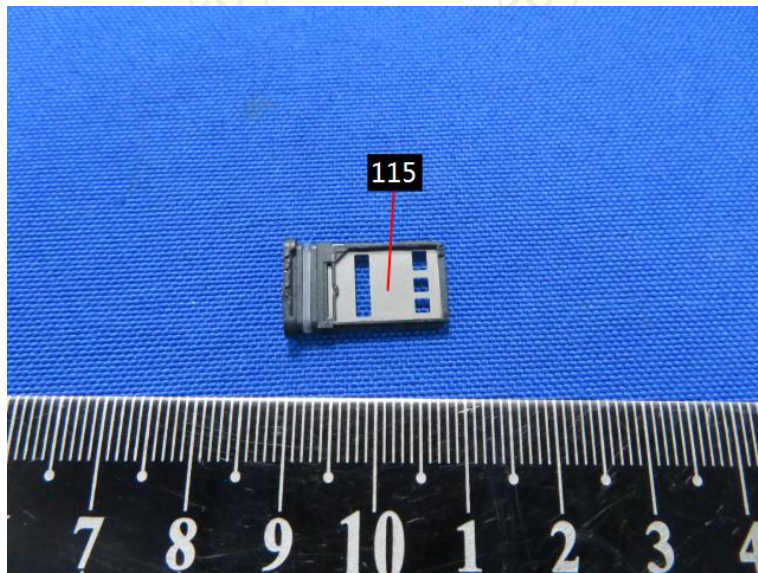
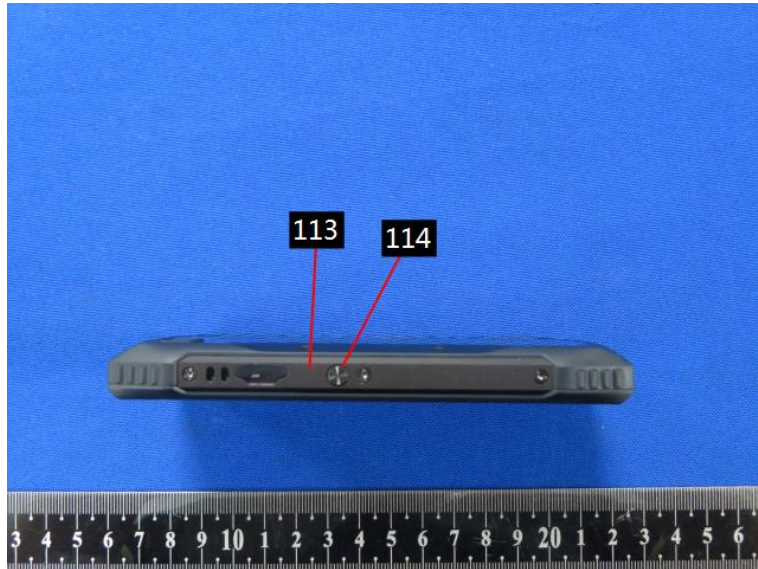


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 36 of 54



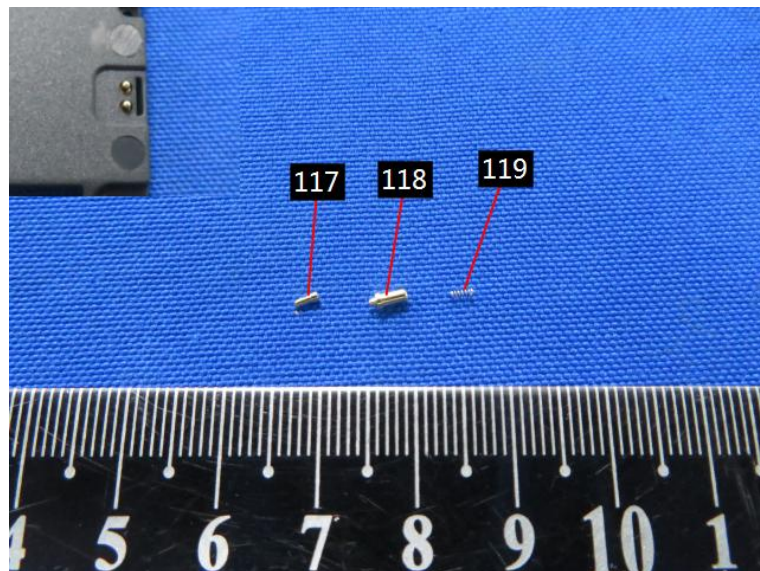


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 37 of 54

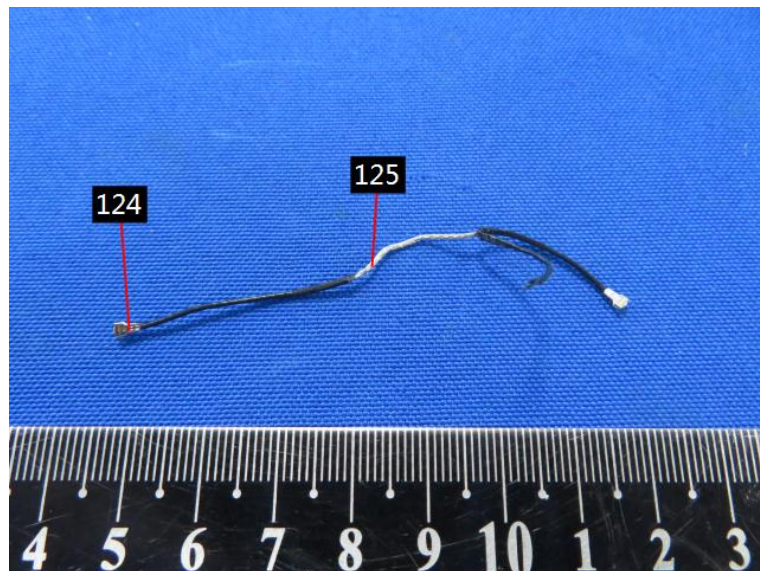
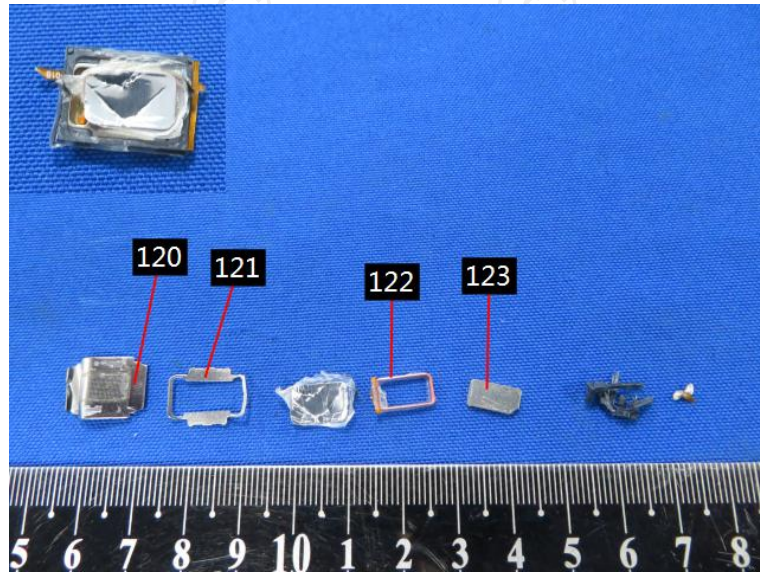


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 38 of 54



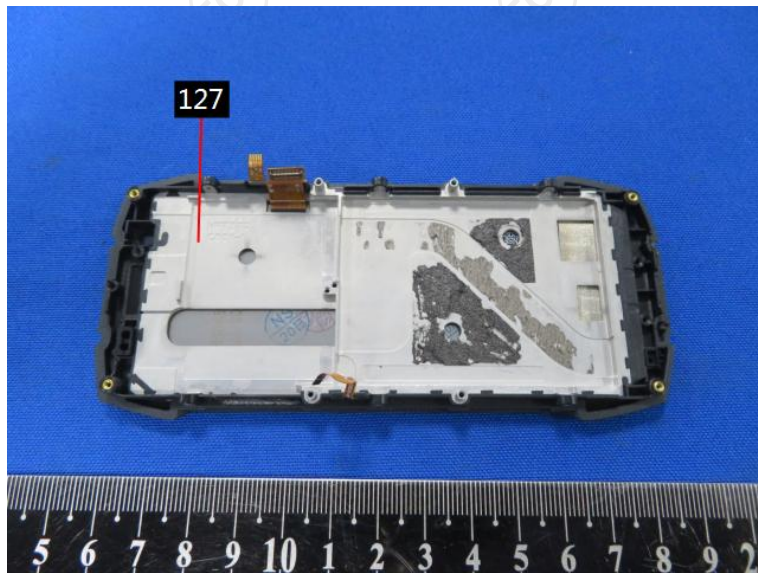


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 39 of 54



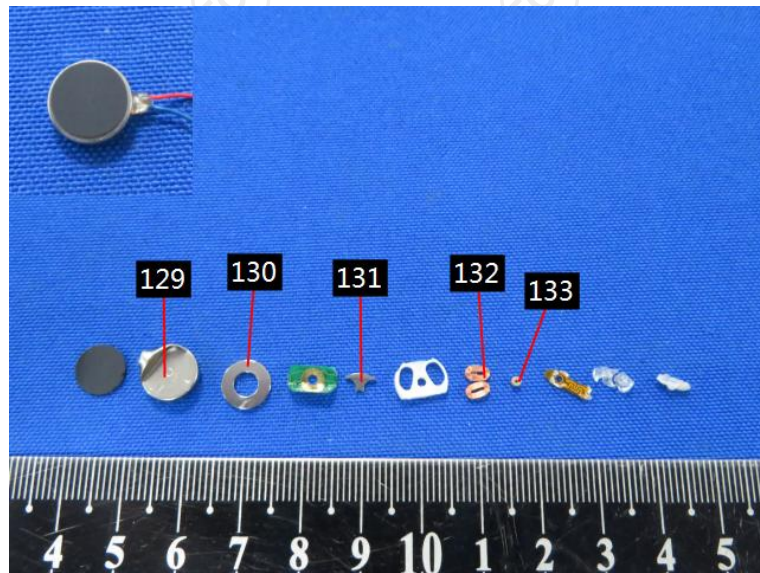
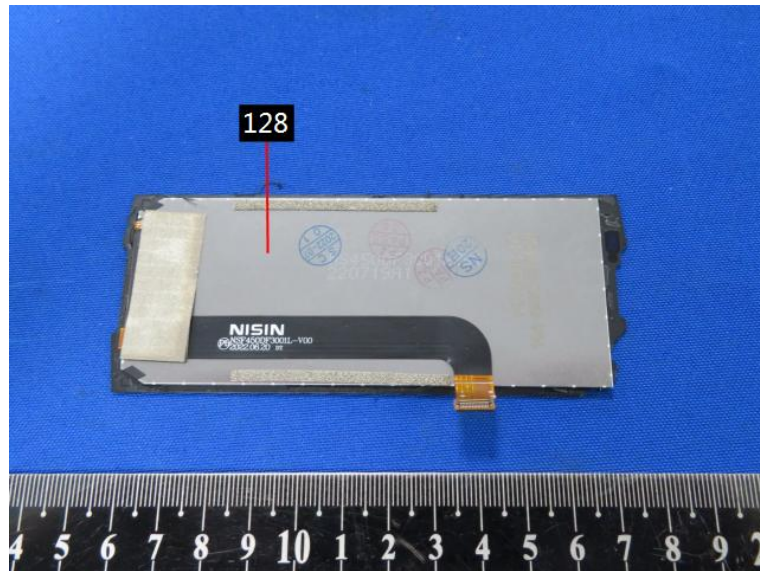


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 40 of 54

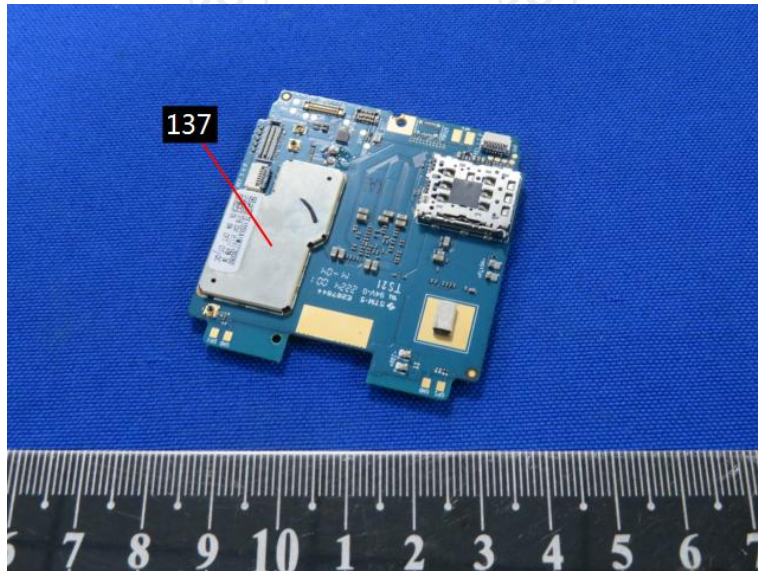
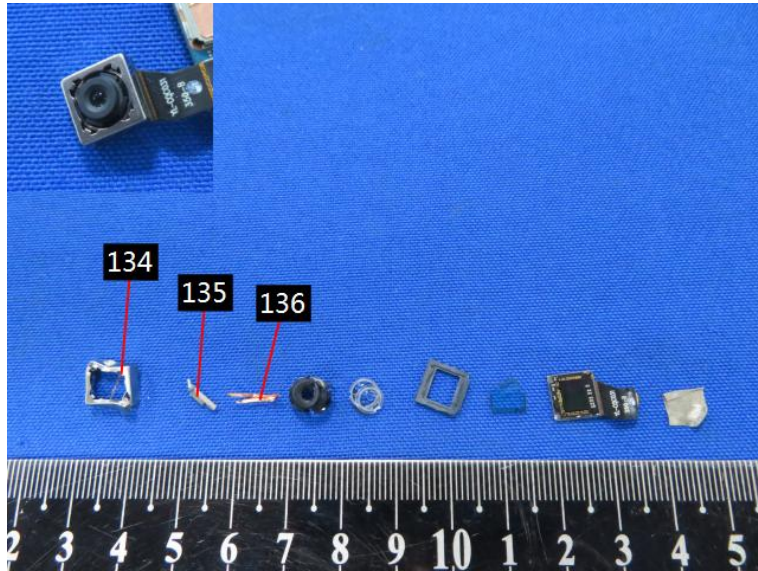


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 41 of 54



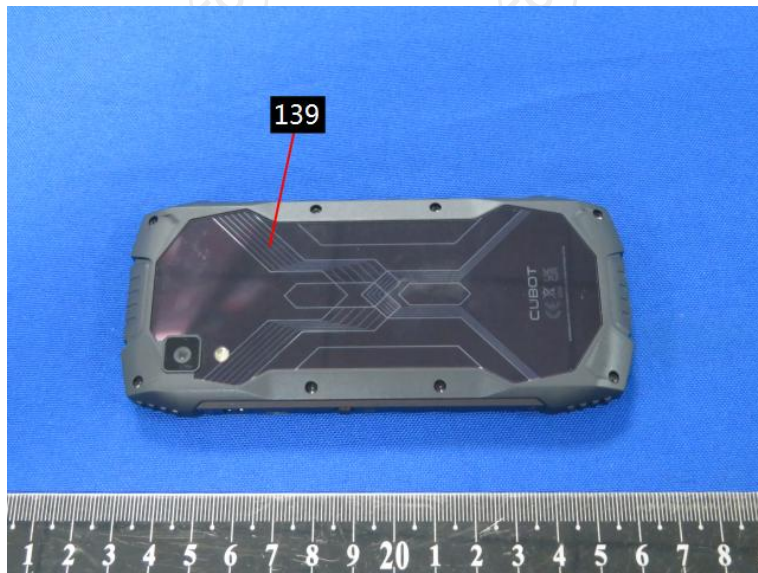
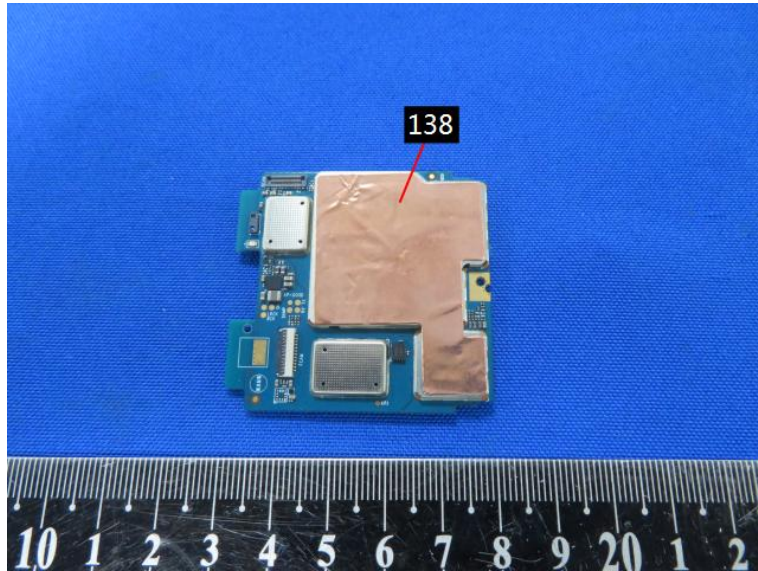


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 42 of 54



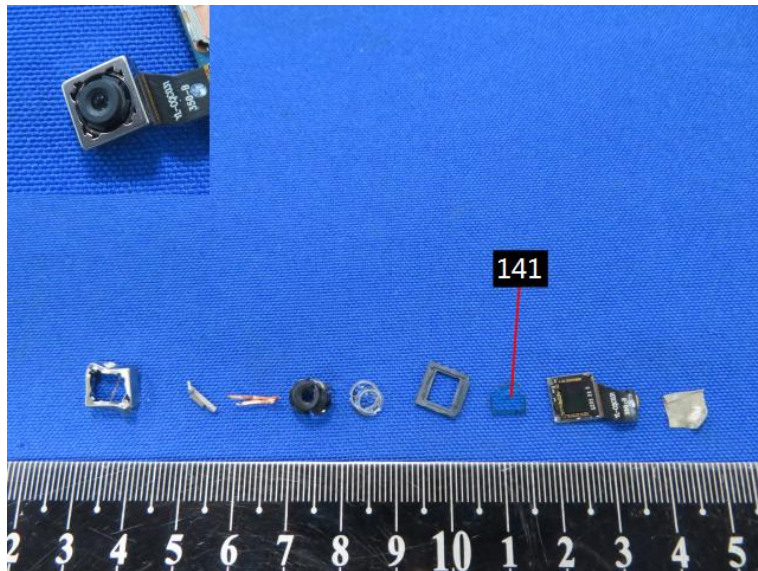
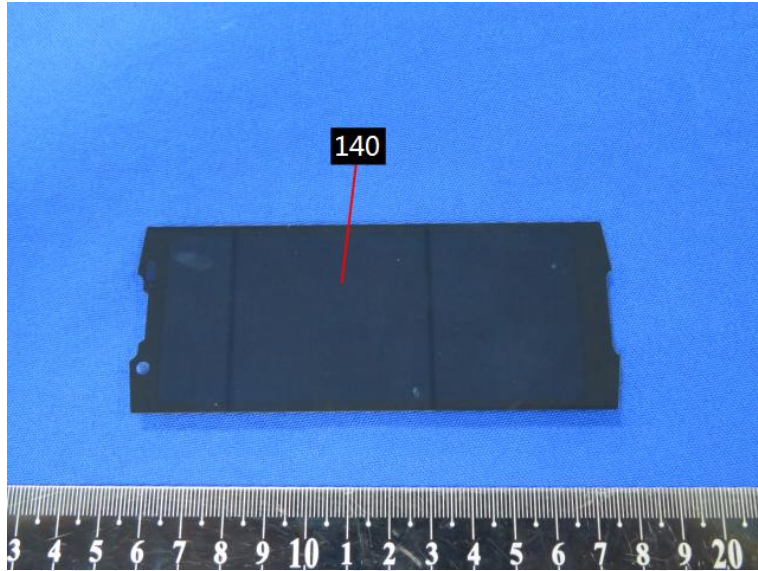


# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 43 of 54



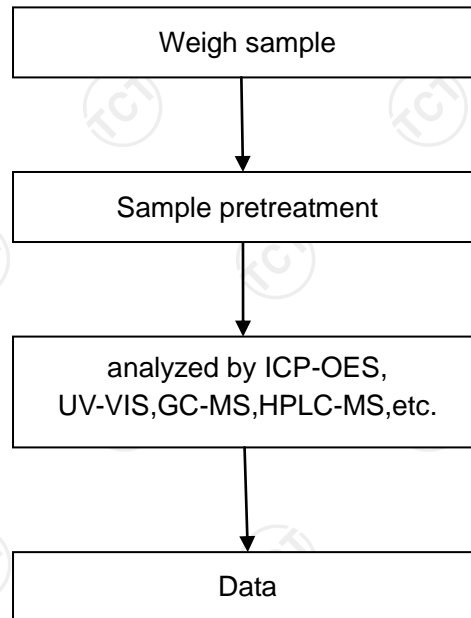
# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 44 of 54

## Analytical flow chart of SVHC



## Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 45 of 54

### Appendix - Full list of tested SVHC

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL
I	1	Anthracene	120-12-7	204-371-1	0.05%
I	2	4,4'- Diaminodiphenylmethane(MDA)	101-77-9	202-974-4	0.05%
I	3	Dibutyl phthalate(DBP)	84-74-2	201-557-4	0.05%
I	4	Cobalt dichloride*	7646-79-9	231-589-4	0.01%
I	5	Diarsenic pentaoxide*	1303-28-2	215-116-9	0.01%
I	6	Diarsenic trioxide*	1327-53-3	215-481-4	0.01%
I	7	Sodium dichromate*	7789-12-0/ 10588-01-9	234-190-3	0.01%
I	8	Musk xylene	81-15-2	201-329-4	0.05%
I	9	Bis(2-ethyl(hexyl)phthalate)(DEHP)	117-81-7	204-211-0	0.05%
I	10	Hexabromocyclododecane (HBCDD)	25637-99-4/ 3194-55-6	247-148-4/ 221-695-9	0.05%
I	11	Short Chain Chlorinated Paraffins(SCCPs)	85535-84-8	287-476-5	0.05%
I	12	Bis(tributyltin)oxide (TBTO)*	56-35-9	200-268-0	0.05%
I	13	Lead hydrogen arsenate*	7784-40-9	232-064-2	0.01%
I	14	Benzyl butyl phthalate(BBP)	85-68-7	201-622-7	0.05%
I	15	Triethyl arsenate*	15606-95-8	427-700-2	0.01%
II	16	<sup>①</sup> Anthracene oil	90640-80-5	292-602-7	0.05%
II	17	<sup>①</sup> Anthracene oil,anthracene paste, distn. Lights****	91995-17-4	295-278-5	0.05%
II	18	<sup>①</sup> Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.05%
II	19	<sup>①</sup> Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.05%
II	20	<sup>①</sup> Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.05%
II	21	<sup>①</sup> Coal tar pitch, high temperature	65996-93-2	266-028-2	0.05%
II	22	Acrylamide	79-06-1	201-173-7	0.05%
II	23	2,4-Dinitrotoluene	121-14-2	204-450-0	0.05%
II	24	Diisobutyl phthalate (DIBP)	84-69-5	201-553-2	0.05%
II	25	<sup>②</sup> Lead chromate	7758-97-6	231-846-0	0.05%
II	26	<sup>②</sup> Lead chromate molybdate sulphate red(C.I. Pigment Red 104)***	12656-85-8	235-759-9	0.05%
II	27	<sup>②</sup> Lead sulfochromate yellow(C.I. Pigment Yellow 34)***	1344-37-2	215-693-7	0.05%
II	28	Tris(2-chloroethyl)phosphate (TCEP)	115-96-8	204-118-5	0.05%
III	29	Trichloroethylene	79-01-6	201-167-4	0.05%
III	30	<sup>③</sup> Boric acid	10043-35-3 11113-50-1	233-139-2 234-343-4	0.01%



# Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 46 of 54

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL
III	31	②Disodium tetraborate, anhydrous****	1330-43-4 12179-04-3 1303-96-4	215-540-4	0.01%
III	32	②Tetraboron disodium heptaoxide, hydrous****	12267-73-1	235-541-3	0.01%
III	33	Sodium chromate*	7775-11-3	231-889-5	0.01%
III	34	Potassium chromate*	7789-00-6	232-140-5	0.01%
III	35	Ammonium dichromate*	7789-09-5	232-143-1	0.01%
III	36	Potassium dichromate*	7778-50-9	231-906-6	0.01%
IV	37	Cobalt( II ) sulphate*	10124-43-3	233-334-2	0.01%
IV	38	Cobalt( II ) dinitrate*	10141-05-6	233-402-1	0.01%
IV	39	Cobalt( II ) carbonate*	513-79-1	208-169-4	0.01%
IV	40	Cobalt( II ) diacetate*	71-48-7	200-755-8	0.01%
IV	41	2-Methoxyethanol	109-86-4	203-713-7	0.05%
IV	42	2-Ethoxyethanol	110-80-5	203-804-1	0.05%
IV	43	Chromium trioxide*	1333-82-0	215-607-8	0.01%
IV	44	①Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid*	7738-94-5 13530-68-2	231-801-5 236-881-5	0.01%
V	45	2-ethoxyethyl acetate	111-15-9	203-839-2	0.01%
V	46	Strontium chromate*	7789-06-2	232-142-6	0.01%
V	47	①1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	0.01%
V	48	Hydrazine	7803-57-8 302-01-2	206-114-9	0.05%
V	49	1-methyl-2-pyrrolidone	872-50-4	212-828-1	0.05%
V	50	1,2,3-trichloropropane	96-18-4	202-486-1	0.05%
V	51	①1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1	0.05%
VI	52	Dichromium tris(chromate)*	24613-89-6	246-356-2	0.01%
VI	53	Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9	234-329-8	0.01%
VI	54	Pentazinc chromate octahydroxide*	49663-84-5	256-418-0	0.01%
VI	55	②Aluminosilicate Refractory Ceramic Fibres (RCF)**	-	-	0.05%
VI	56	②Zirconia Aluminosilicate Refractory Ceramic Fibres(Zr-RCF)**	-	-	0.05%
VI	57	②Formaldehyde, oligomeric reaction products with aniline	25214-70-4	500-036-1	0.05%
VI	58	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	0.05%

## Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 47 of 54

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL
VI	59	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	0.05%
VI	60	4-(1,1,3,3-tetramethylbutyl)phenol (4-tert-Octylphenol)	140-66-9	205-426-2	0.05%
VI	61	1,2-Dichloroethane	107-06-2	203-458-1	0.05%
VI	62	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	0.05%
VI	63	Arsenic acid*	7778-39-4	231-901-9	0.01%
VI	64	Calcium arsenate*	7778-44-1	231-904-5	0.01%
VI	65	Trilead diarsenate*	3687-31-8	222-979-5	0.01%
VI	66	N,N-dimethylacetamide	127-19-5	204-826-4	0.05%
VI	67	Phenolphthalein	77-09-8	201-004-7	0.05%
VI	68	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	0.05%
VI	69	Lead diazide*	13424-46-9	236-542-1	0.01%
VI	70	Lead styphnate*	15245-44-0	239-290-0	0.01%
VI	71	Lead dipicrate*	6477-64-1	229-335-2	0.01%
VII	72	1,2-bis(2-methoxyethoxy)ethane	112-49-2	203-977-3	0.05%
VII	73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	0.05%
VII	74	<sup>®</sup> Diboron trioxide	1303-86-2	215-125-8	0.01%
VII	75	Formamide	75-12-7	200-842-0	0.05%
VII	76	Lead(II) bis(methanesulfonate)*	17570-76-2	401-750-5	0.01%
VII	77	TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	219-514-3	0.05%
VII	78	β-TGIC (1,3,5-tris[(2S and2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	423-400-0	0.05%
VII	79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8	202-027-5	0.05%
VII	80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	0.05%
VII	81	C.I. Basic Violet 3	548-62-9	208-953-6	0.05%
VII	82	C.I. Basic Blue 26	2580-56-5	219-943-6	0.05%
VII	83	C.I. Solvent Blue 4	6786-83-0	229-851-8	0.05%
VII	84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2	0.05%
VIII	85	[Phthalato(2-)]dioxotrilead*	69011-06-9	273-688-5	0.01%
VIII	86	<sup>®</sup> 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	0.05%

## Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 48 of 54

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL
VIII	87	1,2-Diethoxyethane	629-14-1	211-076-1	0.05%
VIII	88	1-Bromopropane	106-94-5	203-445-0	0.05%
VIII	89	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	0.05%
VIII	90	4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated	-	-	0.05%
VIII	91	4,4'-Methylenedi-o-toluidine	838-88-0	212-658-8	0.05%
VIII	92	4,4'-Oxydianiline and its salts	101-80-4	202-977-0	0.05%
VIII	93	4-Aminoazobenzene	60-09-3	200-453-6	0.05%
VIII	94	4-Methyl-m-phenylenediamine	95-80-7	202-453-1	0.05%
VIII	95	<sup>①</sup> 4-Nonylphenol, branched and linear	--	--	0.05%
VIII	96	6-Methoxy-m-toluidine	120-71-8	204-419-1	0.05%
VIII	97	Acetic acid, lead salt, basic*	51404-69-4	257-175-3	0.01%
VIII	98	Biphenyl-4-ylamine	92-67-1	202-177-1	0.05%
VIII	99	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9	0.05%
VIII	100	C,C'-azodi(formamide)	123-77-3	204-650-8	0.05%
VIII	101	Dibutyltin dichloride	683-18-1	211-670-0	0.05%
VIII	102	Diethyl sulphate	64-67-5	200-589-6	0.05%
VIII	103	Diisopentyl phthalate (DIPP)	605-50-5	210-088-4	0.05%
VIII	104	Dimethyl sulphate	77-78-1	201-058-1	0.05%
VIII	105	Dinoseb	88-85-7	201-861-7	0.05%
VIII	106	Dioxobis(stearato)trilead*	12578-12-0	235-702-8	0.01%
VIII	107	Fatty acids, C16-18, lead salts*	91031-62-8	292-966-7	0.01%
VIII	108	Furan	110-00-9	203-727-3	0.05%
VIII	109	Henicosfluoroundecanoic acid	2058-94-8	218-165-4	0.05%
VIII	110	Heptacosfluorotetradecanoic acid	376-06-7	206-803-4	0.05%
VIII	111	Cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane-1,2-dicarboxylic anhydride,trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7 13149-00-3 14166-21-3	201-604-9 236-086-3 238-009-9	0.05%
VIII	112	Hexahydromethylphthalic anhydride, Hexahydro-4- methylphthalic anhydride, Hexahydro-1- methylphthalic anhydride, Hexahydro-3- methylphthalic anhydride	25550-51-0 19438-60-9 48122-14-1 57110-29-9	247-094-1 243-072-0 256-356-4 260-566-1	0.05%
VIII	113	Lead bis(tetrafluoroborate)*	13814-96-5	237-486-0	0.01%



## Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 49 of 54

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL
VIII	114	Lead cyanamidate*	20837-86-9	244-073-9	0.01%
VIII	115	Lead dinitrate*	10099-74-8	233-245-9	0.01%
VIII	116	Lead monoxide*	1317-36-8	215-267-0	0.01%
VIII	117	Lead oxide sulphate*	12036-76-9	234-853-7	0.01%
VIII	118	Lead tetroxide*	1314-41-6	215-235-6	0.01%
VIII	119	Lead titanium trioxide*	12060-00-3	235-038-9	0.01%
VIII	120	Lead Titanium Zirconium Oxide*	12626-81-2	235-727-4	0.01%
VIII	121	Methoxyacetic acid	625-45-6	210-894-6	0.05%
VIII	122	N,N-dimethylformamide	68-12-2	200-679-5	0.05%
VIII	123	N-methylacetamide	79-16-3	201-182-6	0.05%
VIII	124	N-pentyl-isopentyl phthalate	776297-69-9	-	0.05%
VIII	125	o-Aminoazotoluene	97-56-3	202-591-2	0.05%
VIII	126	o-Toluidine	95-53-4	202-429-0	0.05%
VIII	127	Pentacosfluorotridecanoic acid	72629-94-8	276-745-2	0.05%
VIII	128	Pentalead tetraoxide sulphate*	12065-90-6	235-067-7	0.01%
VIII	129	Propylene oxide	75-56-9	200-879-2	0.05%
VIII	130	Pyrochlore, antimony lead yellow*	8012-00-8	232-382-1	0.01%
VIII	131	Silicic acid, barium salt, lead-doped*	68784-75-8	272-271-5	0.01%
VIII	132	Silicic acid, lead salt*	11120-22-2	234-363-3	0.01%
VIII	133	Sulfurous acid, lead salt, dibasic*	62229-08-7	263-467-1	0.01%
VIII	134	Tetraethyllead*	78-00-2	201-075-4	0.01%
VIII	135	Tetralead trioxide sulphate*	12202-17-4	235-380-9	0.01%
VIII	136	Tricosfluorododecanoic acid	307-55-1	206-203-2	0.05%
VIII	137	Trilead bis(carbonate)dihydroxide*	1319-46-6	215-290-6	0.01%
VIII	138	Trilead dioxide phosphonate*	12141-20-7	235-252-2	0.01%
IX	139	Cadmium	7440-43-9	231-152-8	0.01%
IX	140	Cadmium oxide*	1306-19-0	215-146-2	0.01%
IX	141	Ammonium pentadecafluorooctanoate(APFO)	3825-26-1	223-320-4	0.05%
IX	142	Pentadecafluorootanoic acid(PFOA)	335-67-1	206-397-9	0.05%
IX	143	Dipentyl phthalate(DPP)	131-18-0	205-017-9	0.05%
IX	144	4-Nonlphenol, branched and linear, ethoxylated	-	-	0.05%
X	145	Cadmium sulphide*	1306-23-6	215-147-8	0.01%
X	146	Dihexyl phthalate	84-75-3	201-559-5	0.05%
X	147	C.I. Direct Red 28	573-58-0	209-358-4	0.05%

## Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 50 of 54

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL
X	148	C.I. Direct Black 38	1937-37-7	217-710-3	0.05%
X	149	Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7	202-506-9	0.05%
X	150	Lead di(acetate)*	301-04-2	206-104-4	0.01%
X	151	<sup>Ⓣ</sup> Trixylyl phosphate	25155-23-1	246-677-8	0.05%
XI	152	Cadmium chloride*	10108-64-2	233-296-7	0.01%
XI	153	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	0.05%
XI	154	<sup>Ⓣ</sup> Sodium peroxometaborate	7632-04-4	231-556-4	0.01%
XI	155	<sup>Ⓣ</sup> Sodium perborate; perboric acid, sodium salt	-	239-172-9 234-390-0	0.01%
XII	156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	0.05%
XII	157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	0.05%
XII	158	Cadmium fluoride*	7790-79-6	232-222-0	0.01%
XII	159	Cadmium sulphate*	10124-36-4 31119-53-6	233-331-6	0.01%
XII	160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	0.05%
XII	161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-	-	0.05%
XIII	162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5 68648-93-1	271-094-0 272-013-1	0.05%
XIII	163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]	-	-	0.05%
XIV	164	1,3-propanesultone	1120-71-4	214-317-9	0.05%

## Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 51 of 54

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL
XIV	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	0.05%
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	0.05%
XIV	167	Nitrobenzene	98-95-3	202-716-0	0.05%
XIV	168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid and its sodium and ammonium salts)	375-95-1 21049-39-8 4149-60-4	206-801-3	0.05%
XV	169	Benzo[def]chrysene	50-32-8	200-028-5	0.05%
XVI	170	4,4'-Isopropylidenediphenol (Bisphenol A)	80-05-7	201-245-8	0.05%
XVI	171	4-Heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	1987-50-4 72624-02-3	217-862-0	0.05%
XVI	172	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	0.05%
XVI	173	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	- 206-400-3 221-470-5	0.05%
XVII	174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	70225-16-0 3871-99-6 355-46-4 68259-08-5	274-462-9 223-393-2 206-587-1 269-511-6	0.05%
XVIII	175	benz[a]anthracene	56-55-3	200-280-6	0.05%
XVIII	176	cadmium nitrate	10325-94-7	233-710-6	0.01%
XVIII	177	cadmium carbonate	513-78-0	244-168-5	0.01%
XVIII	178	cadmium hydroxide	21041-95-2	208-168-9	0.01%
XVIII	179	chrysene	218-01-9	205-923-4	0.05%
XVIII	180	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	939-00-9	300-298-5 939-460-0	0.05%



## Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 52 of 54

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL
XVIII	181	1,6,7,8,9,14,15,16,17,17,18,18-Dodecacycloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)(including any of its individual anti- and syn-isomers or any combination thereof)	-	-	0.05%
XIX	182	Terphenyl, hydrogenated	61788-32-7	262-967-7	0.05%
XIX	183	Octamethylcyclotetrasiloxane(D4)	556-67-2	209-136-7	0.05%
XIX	184	Lead*	7439-92-1	231-100-4	0.01%
XIX	185	Ethylenediamine(EDA)	107-15-3	203-468-6	0.05%
XIX	186	Dodecamethylcyclohexasiloxane(D6)	540-97-6	208-762-8	0.05%
XIX	187	Disodium octaborate	12008-41-2	234-541-0	0.05%
XIX	188	Dicyclohexyl phthalate(DCHP)	84-61-7	201-545-9	0.05%
XIX	189	Decamethylcyclopentasiloxane(D5)	541-02-6	208-764-9	0.05%
XIX	190	Benzo[ghi]perylene	191-24-2	205-883-8	0.05%
XIX	191	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride(TMA)	552-30-7	209-008-0	0.05%
XX	192	Pyrene	129-00-0	204-927-3	0.05%
XX	193	Phenanthrene	85-01-8	201-581-5	0.05%
XX	194	Fluoranthene	206-44-0 93951-69-0	205-912-4	0.05%
XX	195	Benzo[k]fluoranthene	207-08-9	205-916-6	0.05%
XX	196	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	0.05%
XX	197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	239-139-9	0.05%
XXI	198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	-	-	0.05%
XXI	199	2-methoxyethyl acetate	110-49-6	203-772-9	0.05%
XXI	200	4-tert-butylphenol	98-54-4	202-679-0	0.05%
XXI	201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	26523-78-4 3050-88-2	247-759-6 608-492-4 701-028-2	0.05%
XXII	202	Perfluorobutane sulfonic acid (PFBS) and its salts	-	-	0.05%
XXII	203	Diisohexyl phthalate	71850-09-4	276-090-2	0.05%
XXII	204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6	0.05%

## Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 53 of 54

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL
XXII	205	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	404-360-3	0.05%
XXIII	206	1-vinylimidazole	1072-63-5	214-012-0	0.05%
XXIII	207	2-methylimidazole	693-98-1	211-765-7	0.05%
XXIII	208	butyl 4-hydroxybenzoate	94-26-8	202-318-7	0.05%
XXIII	209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	245-152-0	0.05%
XXIV	210	bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	205-594-7	0.05%
XXIV	211	Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	-	-	0.05%
XXV	212	1,4-dioxane	123-91-1	204-661-8	0.05%
XXV	213	2,2-bis(bromomethyl)propane 1,3-diol (BMP) 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA) 2,3-dibromo-1-propanol (2,3-DBPA)	3296-90-0 36483-57-5 1522-92-5 96-13-9	221-967-7 253-057-0 - 202-480-9	0.05%
XXV	214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	-	0.05%
XXV	215	4,4'-(1-methylpropylidene) bisphenol (bisphenol B)	77-40-7	201-025-1	0.05%
XXV	216	Glutaral	111-30-8	203-856--5	0.05%
XXV	217	Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]	-	-	0.05%
XXV	218	Orthoboric acid, sodium salt	13840-56-7	237-560-2	0.01%
XXV	219	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	-	-	0.05%

## Test Report

Report No. : TCT220810C052

Date : Sep. 15, 2022

Page No.: 54 of 54

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL
XXVI	220	(±)-1.7.7-trimethyl-3-[(4-methylphenyl)methylene] bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof(4-MBC)	-	-	0.05%
XXVI	221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1	204-327-1	0.05%
XXVI	222	S-(tricyclo[5.2.1.0 <sup>2.6</sup> ]deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255882-94-8	401-850-9	0.05%
XXVI	223	tris(2-methoxyethoxy)vinylsilane	1067-53-4	213-934-0	0.05%
XXVII	224	N-(hydroxymethyl)acrylamide	924-42-5	213-103-2	0.05%

**\*\*\* End of Report \*\*\***

*Remark: This report is considered invalidated without the Special Seal for Inspection of the TCT. This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of TCT, this test report shall not be copied except in full and published as advertisement.*