

## Test SVHC Report

Number: 2510B0398SHA-001

Applicant: Status Research & Development GmbH  
Baarerstrasse 10, 6302 Zug, Switzerland

Date: Nov. 13, 2025

### Sample description:

One (1) submitted sample said to be:

Item Name	:	Smart card adapter
Tested Model	:	Shell
Brand Name	:	Keycard
Ratings	:	5VDC 1A (USBc) - 3.7VDC 800mAh (battery)
Manufacturer	:	ALTYOR Industries (Shanghai) Co., Ltd 152/1421 Zhuan Xing Dong Road Minhang District

### Tests conducted:

As requested by the applicant, for details refer to attached page(s).

### Conclusion:

<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
Submitted sample	EU REACH Regulation No 1907/2006 Article 33(1) Obligation to provide information of safe use (see REACH and Waste Framework Directive (WFD) requirement in report for details)	See test result

To be continued

Authorized by:  
For Intertek testing services Ltd., Shanghai

  
Wenjia Gu  
Senior Manager



# Test SVHC Report

Number: 2510B0398SHA-001

Tests Conducted

## (I) SVHC Testing Results

By a combination of Inductively Coupled Argon Plasma Spectrometry, Gas Chromatography – Mass Spectrometry, Liquid Chromatography - Mass Spectrometry, UV-VIS Spectrophotometer, Gas Chromatography - Electron Capture Detector, Headspace Gas Chromatography - Mass Spectrometry and High-Performance Liquid Chromatography.

No.	Chemical Substance	CAS No.	Results % (w/w)
			GROUP1
242	Triphenyl phosphate (TPhP)	115-86-6	0.115*
--	Other tested SVHCs in Chemical list	--	ND

No.	Chemical Substance	CAS No.	Results % (w/w)
			GROUP3
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9	0.013#
--	Other tested SVHCs in Chemical list	--	ND

No.	Chemical Substance	CAS No.	Results % (w/w)
			GROUP5
29	Boric Acid Δ	10043-35-3, 11113-50-1	0.267#1
74	Diboron trioxideΔ	1303-86-2	0.150#1
--	Other tested SVHCs in Chemical list	--	ND

\*\*\*\*\*

To be continued



**Test SVHC Report**

Number: 2510B0398SHA-001

Tests Conducted

No.	Chemical Substance	CAS No.	Results % (w/w)		
			GROUP2	GROUP4	GROUP6
--	Tested SVHCs in Chemical list	--	ND	ND	ND

No.	Chemical Substance	CAS No.	Results % (w/w)		
			GROUP7	GROUP8	GROUP9
--	Tested SVHCs in Chemical list	--	ND	ND	ND

SVHC = Substance of very high concern

ND = Not Detected (less than reporting limit)

Reporting limit = 0.010%(w/w)

\* = **Exceeded requirement**

# = The result of the mixed samples did not exceed the limit, nevertheless it exceeded the limit/N (N is the number of the mixed samples). With consideration to dilution factor in a mixed testing, there may be one or more samples failed to meet the requirement

#1 = Boron(B) is found 467 ppm in group 5, the estimated content of substance may be higher than 0.1% by calculating from the Boron(B) content with adjustment by weight ratio factor

As applicant's requirement, materials were screened in composite testing.

\*\*\*\*\*

To be continued

**Test SVHC Report**

Number: 2510B0398SHA-001

Tests Conducted

(II) Tested groups:

GROUP	NO.	DESCRIPTION
GROUP 1	2-1	FLAT CABLE
	5-2	FLAT CABLE
	5-5-2	SUPPORT
	5-5-4	BOARD
	5-5-6	REFLECTOR
	5-5-7	REFLECTOR
	5-5-9	FLAT CABLE
	6	BUTTON
	7	PAD
	10-3	SHELL
GROUP 2	10-4	WIRE SKIN
	10-6	WIRE SKIN
	10-7	WIRE SKIN
	10-8	WIRE SKIN
	10-9	WIRE SKIN
	10-10	WIRE SKIN
	5-5-3	FILM
	5-5-5	FILM
GROUP 3	1	COVER
	2-2-1	SUPPORT
	3	SHELL
	4	PEDESTAL
	5-3-2	PLUG
	5-6	SOCKET
	5-7	SOCKET
	5-8-1	SUPPORT
	8	BOARD
	9	SHELL
GROUP 4	10-2-1	SHELL
	10-2-2	PLUG
	11-2	SHELL
	2-3	PCB
	5-13	PCB
	10-2-3	PCB
	12-4	PCB

\*\*\*\*\*

To be continued

**Test SVHC Report**

Number: 2510B0398SHA-001

Tests Conducted

GROUP	NO.	DESCRIPTION
GROUP 5	5-5-8	SCREEN
GROUP 6	12-1	SHEATH
	12-2	PEDESTAL
	12-6	STICKER
	12-7	FILM
	12-8	ELECTROLYTE
	12-9	ELECTROLYTE
GROUP 7	12-3	CONNECTOR
	12-5	SHELL
GROUP 8	5-1	LENS
	5-4	BUTTON
	5-9	IC
	5-10	CAPACITOR
	5-11	SWITCH
	5-12	IC
	11-1	IC
GROUP 9	2-2-2	PIN HEADER
	5-3-1	SHELL
	5-5-1	PEDESTAL
	5-8-2	PIN HEADER
	10-1	SHELL
	10-5	TINFOIL
	10-11	WIRE

\*\*\*\*\*

To be continued

# Test SVHC Report

Number: 2510B0398SHA-001

Tests Conducted

## (III) Tested SVHC Chemical list:

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
1	Cobalt Dichloride Δ	7646-79-9	2	Diarsenic Pentaoxide Δ	1303-28-2
3	Diarsenic Trioxide Δ	1327-53-3	4	Lead Hydrogen Arsenate Δ	7784-40-9
5	Triethyl Arsenate Δ	15606-95-8	6	Sodium Dichromate Δ	7789-12-0, 10588-01-9
7	Bis (Tributyltin) Oxide (TBTO) Δ	56-35-9	8	Anthracene	120-12-7
9	4,4'-Diaminodiphenylmethane (MDA)	101-77-9	10	Hexabromocyclododecane (HBCDD) and All Major Diastereoisomers Identified (α-HBCDD, β-HBCDD, γ-HBCDD)	25637-99-4 and 3194-55-6 (134237-50-6, 134237-51-7, 134237-52-8)
11	5-Tert-Butyl-2,4,6-Trinitro-m-Xylene (Musk Xylene)	81-15-2	12	Bis (2-Ethylhexyl) Phthalate (DEHP)	117-81-7
13	Dibutyl Phthalate (DBP)	84-74-2	14	Benzyl Butyl Phthalate (BBP)	85-68-7
15	Short Chain Chlorinated Paraffins (C <sub>10-13</sub> )	85535-84-8	16	Lead Chromate Δ	7758-97-6
17	Lead Chromate Molybdate Sulphate Red (C.I. Pigment Red 104) Δ	12656-85-8	18	Lead Sulfochromate Yellow (C.I. Pigment Yellow 34) Δ	1344-37-2
19	Tris (2-Chloroethyl) Phosphate	115-96-8	20	2,4-Dinitrotoluene	121-14-2
21	Diisobutyl Phthalate (DIBP)	84-69-5	22	Coal Tar Pitch, High Temperature	65996-93-2
23	Anthracene Oil	90640-80-5	24	Anthracene Oil, Anthracene Paste, Distn. Lights	91995-17-4
25	Anthracene Oil, Anthracene Paste, Anthracene Fraction	91995-15-2	26	Anthracene Oil, Anthracene-low	90640-82-7
27	Anthracene Oil, Anthracene Paste	90640-81-6	28	Acrylamide	79-06-1
29	Boric Acid Δ	10043-35-3, 11113-50-1	30	Disodium Tetraborate, Anhydrous Δ	1330-43-4, 12179-04-3, 1303-96-4
31	Tetraboron Disodium Heptaoxide, Hydrate Δ	12267-73-1	32	Sodium Chromate Δ	7775-11-3
33	Potassium Chromate Δ	7789-00-6	34	Ammonium Dichromate Δ	7789-09-5
35	Potassium Dichromate Δ	7778-50-9	36	Trichloroethylene	79-01-6
37	2-Methoxyethanol	109-86-4	38	2-Ethoxyethanol	110-80-5
39	Cobalt Sulphate Δ	10124-43-3	40	Cobalt Dinitrate Δ	10141-05-6
41	Cobalt Carbonate Δ	513-79-1	42	Cobalt Diacetate Δ	71-48-7
43	Chromium Trioxide Δ	1333-82-0	44	Chromic Acid Δ Dichromic Acid Δ Oligomers of Chromic Acid and Dichromic Acid Δ	7738-94-5 13530-68-2 --
45	Strontium ChromateΔ	7789-06-2	46	2-ethoxyethyl acetate (2-EEA)	111-15-9

\*\*\*\*\*

To be continued



## Test SVHC Report

Number: 2510B0398SHA-001

## Tests Conducted

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
47	1,2-Benzenedicarboxylic acid, di-C <sub>7-11</sub> -branched and linear alkyl esters (DHNUP)	68515-42-4	48	Hydrazine	7803-57-8 302-01-2
49	1-methyl-2-pyrrolidone	872-50-4	50	1,2,3-trichloropropane	96-18-4
51	1,2-Benzenedicarboxylic acid, di-C <sub>6-8</sub> -branched alkyl esters, C <sub>7</sub> -rich (DIHP)	71888-89-6	52	Lead dipicrate $\Delta$	6477-64-1
53	Lead styphnate $\Delta$	15245-44-0	54	Lead azide; Lead diazide $\Delta$	13424-46-9
55	Phenolphthalein	77-09-8	56	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4
57	N,N-dimethylacetamide (DMAC)	127-19-5	58	Trilead diarsenate $\Delta$	3687-31-8
59	Calcium arsenate $\Delta$	7778-44-1	60	Arsenic acid $\Delta$	7778-39-4
61	Bis(2-methoxyethyl) ether	111-96-6	62	1,2-Dichloroethane	107-06-2
63	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	64	2-Methoxyaniline; o-Anisidine	90-04-0
65	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	66	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4
67	Pentazinc chromate octahydroxide $\Delta$	49663-84-5	68	Potassium hydroxyoctaoxodizincate dichromate $\Delta$	11103-86-9
69	Dichromium tris(chromate) $\Delta$	24613-89-6	70	Aluminosilicate Refractory Ceramic Fibres $\Delta$	(Index No. 650-017-00-8)
71	Zirconia Aluminosilicate Refractory Ceramic Fibres $\Delta$	(Index No. 650-017-00-8)	72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	74	Diboron trioxide $\Delta$	1303-86-2
75	Formamide	75-12-7	76	Lead(II) bis(methanesulfonate) $\Delta$	17570-76-2
77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	2451-62-9	78	$\beta$ -TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1
81	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	548-62-9	82	[4-[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2580-56-5

\*\*\*\*\*

To be continued



# Test SVHC Report

Number: 2510B0398SHA-001

## Tests Conducted

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
83	$\alpha,\alpha$ -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	6786-83-0	84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	561-41-1
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	86	Pentacosafuorotridecanoic acid	72629-94-8
87	Tricosafuorododecanoic acid	307-55-1	88	Henicosafuoroundecanoic acid	2058-94-8
89	Heptacosafuorotetradecanoic acid	376-06-7	90	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3
91	Cyclohexane-1,2-dicarboxylic anhydride [1]  cis-cyclohexane-1,2-dicarboxylic anhydride [2]  trans-cyclohexane-1,2-dicarboxylic anhydride [3]  [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry].	85-42-7  13149-00-3  14166-21-3	92	Hexahydromethylphthalic anhydride [1],  Hexahydro-4-methylphthalic anhydride [2],  Hexahydro-1-methylphthalic anhydride [3],  Hexahydro-3-methylphthalic anhydride [4]  [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	25550-51-0  19438-60-9  48122-14-1  57110-29-9
93	4-Nonylphenol, branched and linear  [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	--	94	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated  [covering well-defined substances and UVCB substances, polymers and homologues]	--
95	Methoxyacetic acid	625-45-6	96	N,N-dimethylformamide	68-12-2
97	Dibutyltin dichloride (DBTC) $\Delta$	683-18-1	98	Lead monoxide (Lead oxide) $\Delta$	1317-36-8

\*\*\*\*\*

To be continued





# Test SVHC Report

Number: 2510B0398SHA-001

## Tests Conducted

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
99	Orange lead (Lead tetroxide) Δ	1314-41-6	100	Lead bis(tetrafluoroborate) Δ	13814-96-5
101	Trilead bis(carbonate)dihydroxide Δ	1319-46-6	102	Lead titanium trioxideΔ	12060-00-3
103	Lead titanium zirconium oxideΔ	12626-81-2	104	Silicic acid, lead salt Δ	11120-22-2
105	Silicic acid (H <sub>2</sub> SiO <sub>5</sub> ), barium salt (1:1), lead-dopedΔ  [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	68784-75-8	106	1-bromopropane (n-propyl bromide)	106-94-5
107	Methyloxirane (Propylene oxide)	75-56-9	108	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0
109	Diisopentylphthalate (DIPP)	605-50-5	110	N-pentyl-isopentylphthalate	776297-69-9
111	1,2-diethoxyethane	629-14-1	112	Acetic acid, lead salt, basicΔ	51404-69-4
113	Lead oxide sulfateΔ	12036-76-9	114	[Phthalato(2-)]dioxotrileadΔ	69011-06-9
115	Dioxobis(stearato)trileadΔ	12578-12-0	116	Fatty acids, C16-18, lead saltsΔ	91031-62-8
117	Lead cyanamateΔ	20837-86-9	118	Lead dinitrateΔ	10099-74-8
119	Pentalead tetraoxide sulphateΔ	12065-90-6	120	Pyrochlore, antimony lead yellowΔ	8012-00-8
121	Sulfurous acid, lead salt, dibasicΔ	62229-08-7	122	TetraethylleadΔ	78-00-2
123	Tetralead trioxide sulphateΔ	12202-17-4	124	Trilead dioxide phosphonateΔ	12141-20-7
125	Furan	110-00-9	126	Diethyl sulphate	64-67-5
127	Dimethyl sulphate	77-78-1	128	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2
129	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	130	4,4'-methylenedi-o-toluidine	838-88-0
131	4,4'-oxydianiline and its salts	101-80-4	132	4-aminoazobenzene	60-09-3
133	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	134	6-methoxy-m-toluidine (p-cresidine)	120-71-8
135	Biphenyl-4-ylamine	92-67-1	136	o-aminoazotoluene [(4-o-tolylazo-o-toluidine)]	97-56-3
137	o-toluidine	95-53-4	138	N-methylacetamide	79-16-3
139	CadmiumΔ	7440-43-9	140	Cadmium oxideΔ	1306-19-0

\*\*\*\*\*

To be continued



## Test SVHC Report

Number: 2510B0398SHA-001

## Tests Conducted

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
141	Dipentyl phthalate (DPP)	131-18-0	142	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	--
143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	144	Pentadecafluorooctanoic acid (PFOA)	335-67-1
145	Cadmium sulphide $\Delta$	1306-23-6	146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0
147	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	148	Dihexyl phthalate (DnHP)	84-75-3
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	150	Lead di(acetate) $\Delta$	301-04-2
151	Trixylyl phosphate	25155-23-1	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (Diisohexyl phthalate(DIHP))	68515-50-4
153	Cadmium chloride $\Delta$	10108-64-2	154	Sodium perborate; perboric acid, sodium salt $\Delta$	--
155	Sodium peroxometaborate $\Delta$	7632-04-4	156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1
157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) $\Delta$	15571-58-1
159	Cadmium fluoride $\Delta$	7790-79-6	160	Cadmium sulphate $\Delta$	10124-36-4; 31119-53-6

\*\*\*\*\*

To be continued



## Test SVHC Report

Number: 2510B0398SHA-001

## Tests Conducted

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
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) Δ	15571-58-1; 27107-89-7	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
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]	117933-89-8	164	Nitrobenzene	98-95-3
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3
167	1,3-propanesultone	1120-71-4	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	170	4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-7
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2 3830-45-3 3108-42-7	172	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]	--
173	p-(1,1-dimethylpropyl)phenol	80-46-6	174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	355-46-4
175	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[1.2.2.1.16,9.02,13.05,10]octa deca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	13560-89-9; 135821-74-8; 135821-03-3	176	Benz[a]anthracene	56-55-3

\*\*\*\*\*

To be continued



# Test SVHC Report

Number: 2510B0398SHA-001

## Tests Conducted

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
177	Cadmium nitrateΔ	10325-94-7	178	Cadmium carbonateΔ	513-78-0
179	Cadmium hydroxideΔ	21041-95-2	180	Chrysene	218-01-9
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	--	182	Octamethylcyclotetrasiloxane (D4)	556-67-2
183	Decamethylcyclopentasiloxane (D5)	541-02-6	184	Dodecamethylcyclohexasiloxane (D6)	540-97-6
185	Lead	7439-92-1	186	Disodium octaborateΔ	12008-41-2
187	Benzo[ghi]perylene	191-24-2	188	Terphenyl hydrogenated	61788-32-7
189	Ethylenediamine (EDA)	107-15-3	190	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (Trimellitic anhydride) (TMA)	552-30-7
191	Dicyclohexyl phthalate (DCHP)	84-61-7	192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6
193	Benzo[k]fluoranthene	207-08-9	194	Fluoranthene	206-44-0
195	Phenanthrene	85-01-8	196	Pyrene	129-00-0
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor; 3-BC)	15087-24-8	198	4-tert-butylphenol (PTBP)	98-54-4
199	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	-	200	2-methoxyethyl acetate	110-49-6
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	204	Diisohexyl phthalate	71850-09-4
205	Perfluorobutane sulfonic acid (PFBS) and its salts	--	206	1-vinylimidazole	1072-63-5
207	2-methylimidazole	693-98-1	208	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4

\*\*\*\*\*

To be continued



## Test SVHC Report

Number: 2510B0398SHA-001

## Tests Conducted

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
209	Butyl 4-hydroxybenzoate	94-26-8	210	bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8
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	—	212	1,4-dioxane	123-91-1
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	214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	--
215	4,4'-(1-methylpropylidene)bisphenol; (bisphenol B)	77-40-7	216	Glutaral	111-30-8
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]	--	218	Orthoboric acid, sodium salt $\Delta$	13840-56-7
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)	--	220	( $\pm$ )-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)	--
221	6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol (DBMC)	119-47-1	222	S-(tricyclo(5.2.1.0' <sup>2</sup> ,6)deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate $\Delta$	255881-94-8
223	Tris(2-methoxyethoxy)vinylsilane	1067-53-4	224	N-(hydroxymethyl)acrylamide	924-42-5

\*\*\*\*\*

To be continued



# Test SVHC Report

Number: 2510B0398SHA-001

## Tests Conducted

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	37853-59-1	226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7
227	4,4'-sulphonyldiphenol	80-09-1	228	Barium diboron tetraoxide $\Delta$	13701-59-2
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	--	230	Isobutyl 4-hydroxybenzoate	4247-02-3
231	Melamine	108-78-1	232	Perfluoroheptanoic acid and its salts	--
233	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	-	234	bis(4-chlorophenyl) sulphone (BCPS)	80-07-9
235	Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide	75980-60-8	236	2,4,6-tri-tert-butylphenol (2,4,6-TTBP)	732-26-3
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9	238	2-(dimethylamino)-2-[(4-methylphenyl) methyl] -1-[4-(morpholin-4-yl) phenyl]butan-1-one	119344-86-4
239	Bumetizole (UV-326)	3896-11-5	240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol (OAPP)	-
241	Bis( $\alpha$ , $\alpha$ -dimethylbenzyl) peroxide	80-43-3	242	Triphenyl phosphate (TPhP)	115-86-6
243	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid (Tetra-PSCA)	2156592-54-8	244	O,O,O-triphenyl phosphorothioate (TPPT)	597-82-0
245	Octamethyltrisiloxane	107-51-7	246	Perfluamine	338-83-0
247	Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8	248	1,1,1,3,5,5,5- heptamethyl-3 -[(trimethylsilyl)oxy] trisiloxane	17928-28-8

\*\*\*\*\*

To be continued



# Test SVHC Report

Number: 2510B0398SHA-001

## Tests Conducted

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
249	Decamethyltetrasiloxane	141-62-8	250	Tetra(sodium/potassium) 7-[(E)-{2-acetamido-4-[(E)- (4-[[4-chloro-6-({2-[(4-fluoro-6- {[4-(vinylsulfonyl)phenyl]amino}-1,3,5-triazine-2-yl) amino]propyl} amino)-1,3,5 - triazine-2-yl]amino}-5-sulfonato-1-naphthyl) diazenyl]-5-methoxyphenyl} diazenyl]-1,3,6-naphthalenetrisulfonate (Reactive Brown 51)	--
251	1,1'-(ethane-1,2-diyl)bis[pentabromobenzen e] (DBDPE)	84852-53-9	--	--	--

Proposed SVHC (List of 1 chemical in the draft Commission Implementing Decision proposed by European Commission, and published as Notification G/TBT/N/EU/803 on World Trade Organization (WTO) on 1 June 2021):

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
1	Resorcinol	108-46-3	--	--	--

Tested proposed SVHC Chemicals list (The 3 chemicals proposed by European Chemicals Agency (ECHA) for public consultation on 1 September 2025):

No.	Chemical Substance	CAS No.	No.	Chemical Substance	CAS No.
1	4,4'-[2,2,2-Trifluoro-1-(trifluoromethyl)ethylidene] diphenol (BPAF) and its salts	--	2	4,4'-Methylenediphenol (BPF)	620-92-8
3	n-Hexane	110-54-3	--	--	--

Δ = Determination was based on elemental analysis. The content was calculated based on assumption of worst-case.

+ = The content was calculated based on assumption of worst-case.

\*\*\*\*\*

To be continued



## Test SVHC Report

Number: 2510B0398SHA-001

### Tests Conducted

#### Notes:

1. Substances of very high concern (SVHC) are classified as:

- (a) Carcinogenicity category 1A or 1B;
- (b) Germ cell mutagenicity category 1A or 1B;
- (c) Reproductive toxicity category 1A or 1B, adverse effects on sexual function and fertility or on development;
- (d) Persistent, bioaccumulative and toxic (PBT)
- (e) Very persistent and very bioaccumulative (vPvB)
- (f) Other substances for which there is scientific evidence of probable serious effects to human health or the environment which give rise to an equivalent level of concern, such as endocrine disruptors

#### REACH requirement:

As per Article 7 of Regulation (EC) No 1907/2006 (REACH) as amended, if a substance of very high concern (SVHC) on the Candidate List for Authorisation is present in articles above a concentration of 0.1% weight by weight (w/w) and the substance is present in those articles in quantities totalling over 1 tonne per producer or per importer per year, then the producer or importer shall notify the European Chemicals Agency (ECHA). The notifications have to be submitted no later than 6 months after the inclusion in the Candidate List. The information to be notified shall include the following:

- (a) Identity and contact details of the producer or importer;
- (b) Registration number(s), if available;
- (c) Identity of the substance;
- (d) Classification of the substance(s);
- (e) Brief description of the use(s) of the substance(s) in the article and of the uses of the article(s);
- (f) Tonnage range of the substance(s).

As per Article 31 of Regulation (EC) No 1907/2006 (REACH) as amended, the supplier of mixture not classified as hazardous according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP), shall provide the recipient at his request with a safety data sheet, where a mixture contains at least one substance on the SVHC list (Candidate List of substances of very high concern for Authorisation) and its individual concentration is of 0.1% or above by weight for non-gaseous mixtures.

As per Article 33(1) of Regulation (EC) No 1907/2006 (REACH) as amended, any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with information of safe use of the article. An article meets the requirement of Article 33(1) by default when no SVHC exceeds 0.1% weight by weight (w/w).

As per Article 33(2) of Regulation (EC) No 1907/2006 (REACH) as amended, any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) shall provide the consumer on request with information of safe use of the article, within 45 days of receipt of the request.

As per Court of Justice of the European Union Judgment in Case C-106/14, Press Release No 100/15 dated 10 September 2015, each of the articles incorporated as a component of a complex product is covered by the relevant duties to notify and provide information when they contain a substance of very high concern in a concentration above 0.1% of their mass.

\*\*\*\*\*

To be continued





Tests Conducted

**Waste Framework Directive (WFD) Requirement:**

As per Article 9(1)(i) of Directive 2008/98/EC on waste (WFD, Waste Framework Directive) as amended, Member States shall take measures to ensure that any supplier of an article as defined in point 33 of Article 3 of Regulation (EC) No 1907/2006 (REACH) provides the information pursuant to Article 33(1) of Regulation (EC) No 1907/2006 (REACH) to the European Chemicals Agency (ECHA) as from 5 January 2021. Any supplier of an article containing a substance of very high concern (SVHC) on the Candidate List for Authorisation in a concentration above 0.1% weight by weight (w/w) on the EU market is required to submit a SCIP Notification on that article to ECHA, as from 5 January 2021.

Date sample received: Oct. 15, 2025

Testing period: Oct. 15, 2025 To Nov. 04, 2025

\*\*\*\*\*

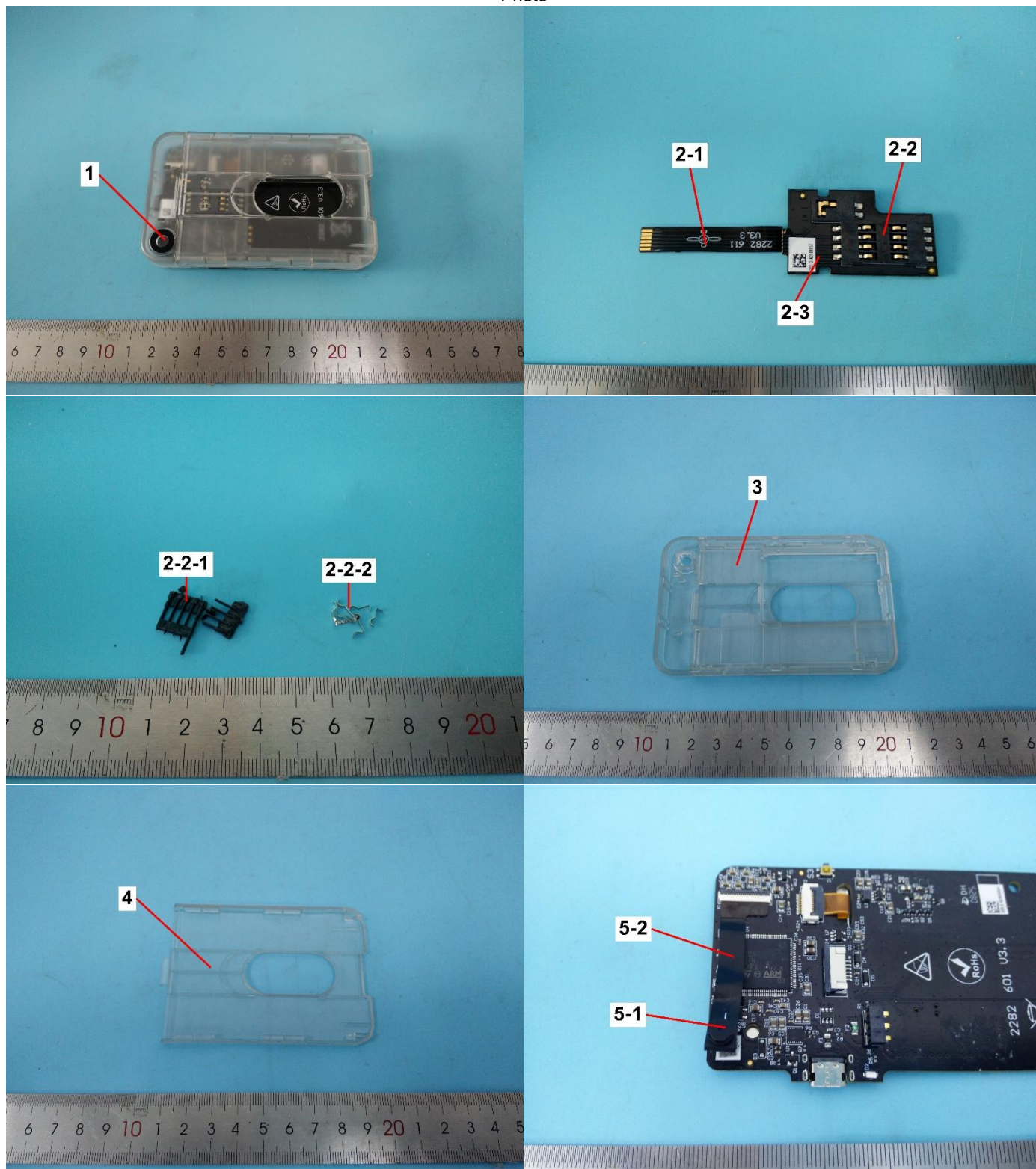
To be continued

## Test SVHC Report

Number: 2510B0398SHA-001

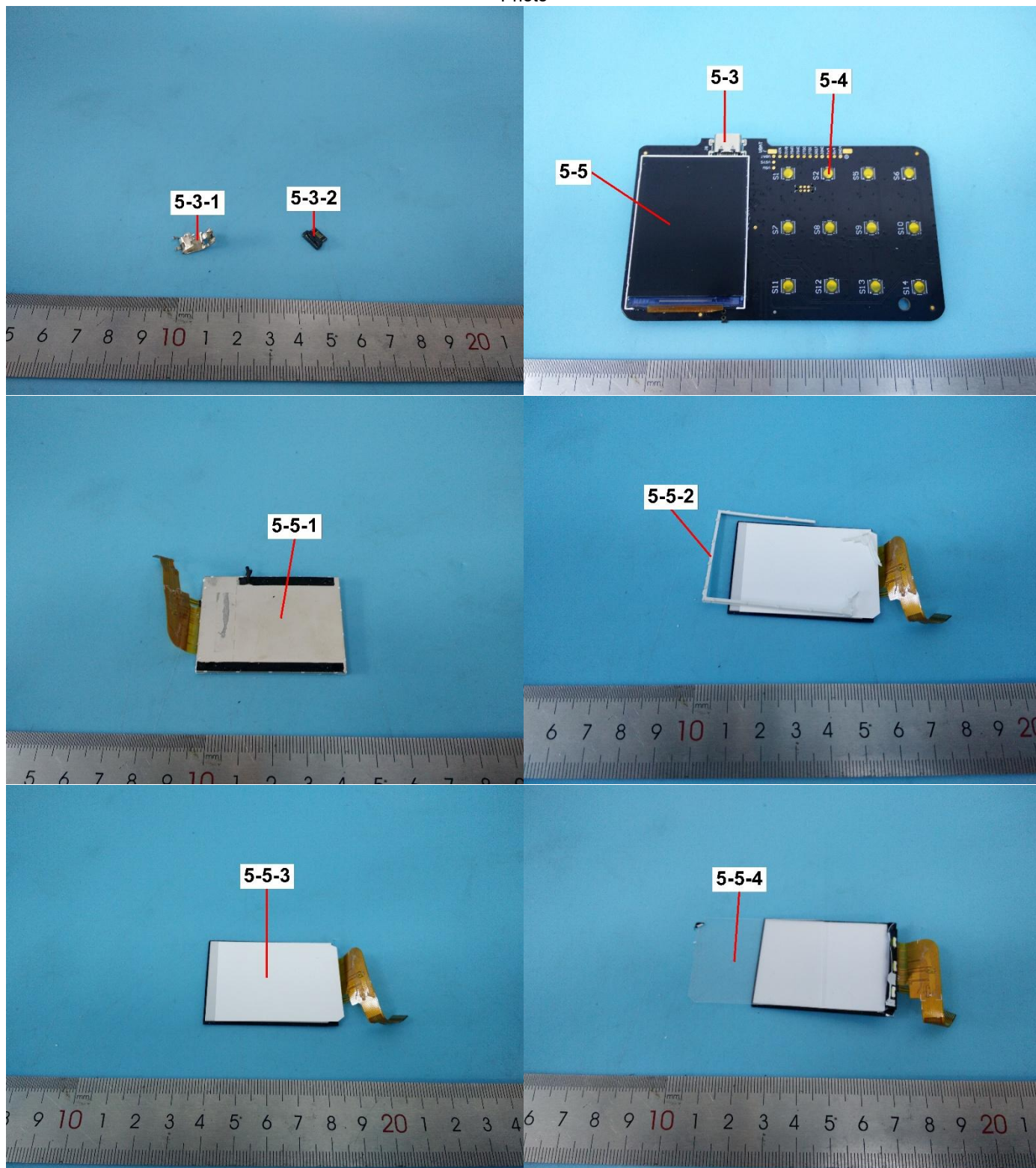
### Tests Conducted

### Photo



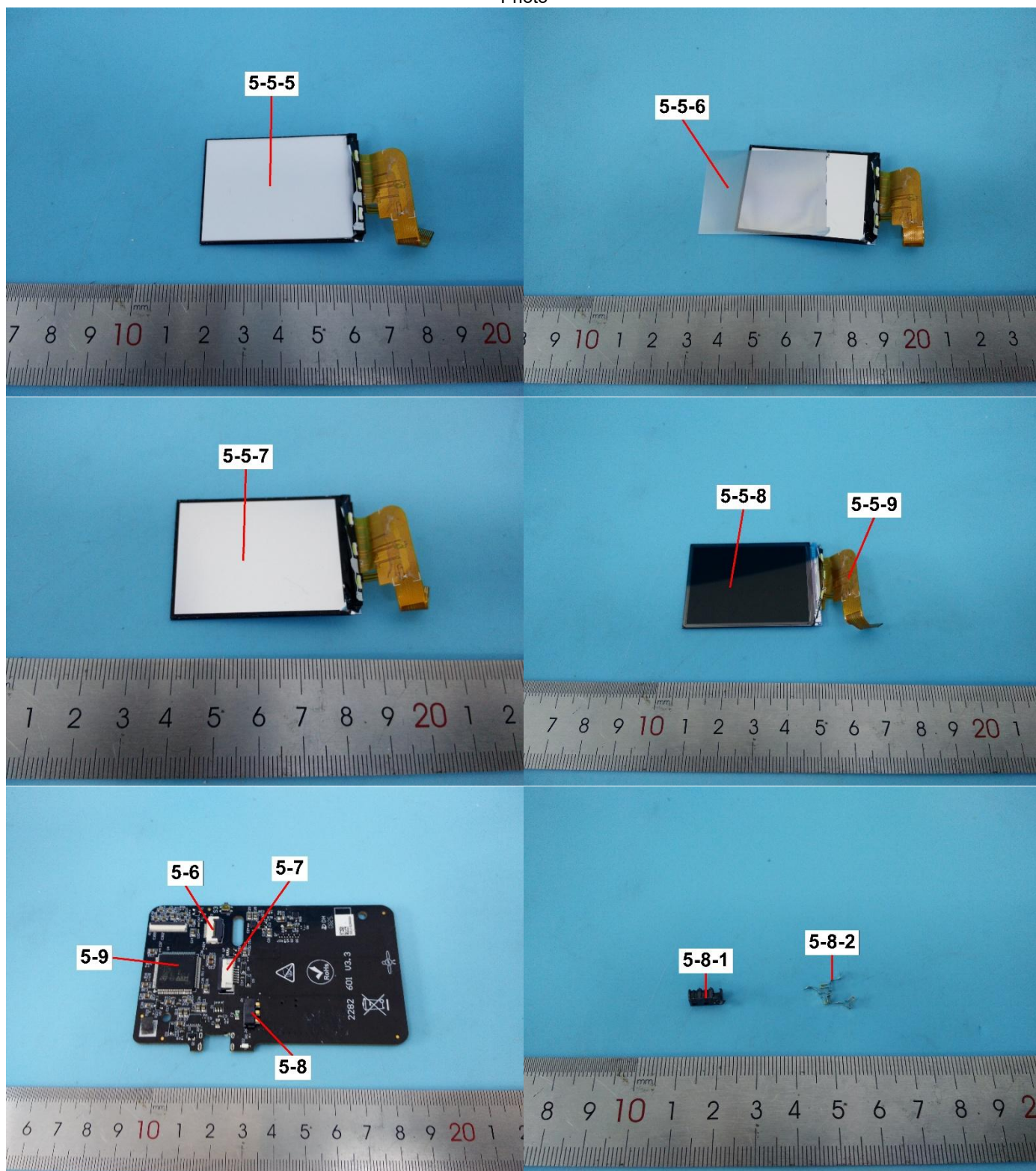
To be continued



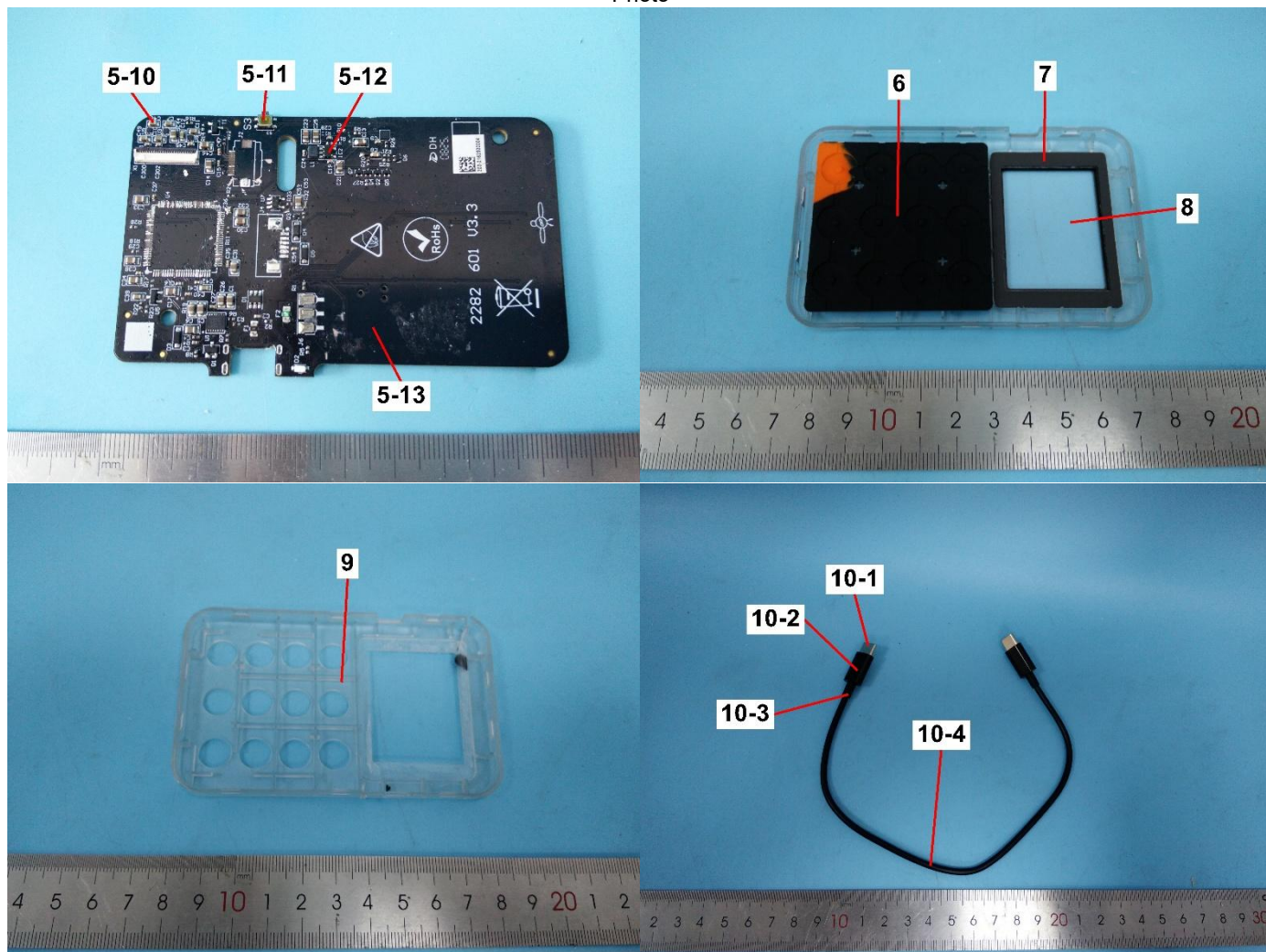


To be continued





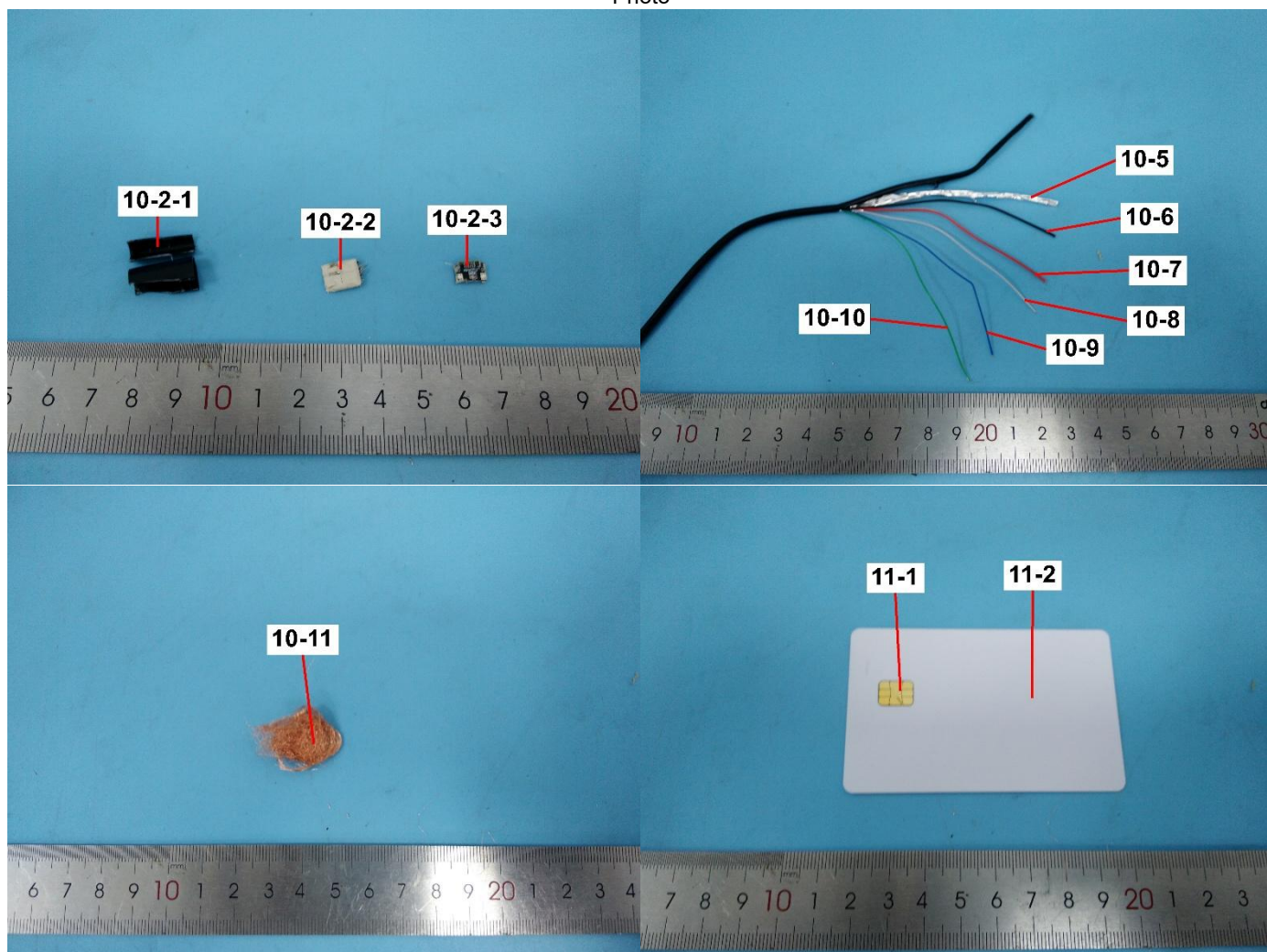
To be continued



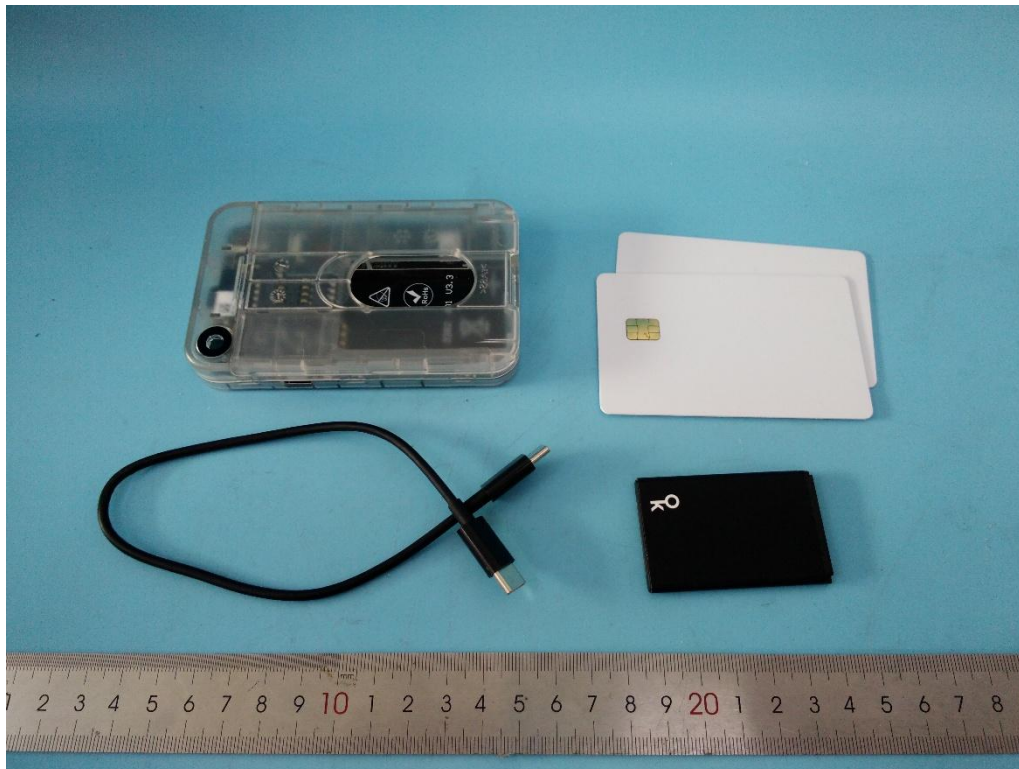
To be continued



Photo



To be continued



**End of report**

*This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct.*