TEST REPORT

Applicant	:	Seeed Technology Co., Ltd
Product Name	:	Seeed Studio Round Display for XIAO
Model Name	:	N/A
Brand Name	:	Seeed Studio
Test Request	:	As specified by client, to screen 233 substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) regarding Regulation (EC) No 1907/2006 concerning the REACH in the submitted sample(s).
Receipt Date	:	2023-05-06
Test Date	:	2023-05-08 to 2023-05-15
Issue Date	:	2023-05-30

Summary:

According to the ruling of the court of Justice of the European Union on the definition an article under REACH, and the specified scope and evaluation screening, the test results of SVHC are>0.1%(w/w) in the submitted sample, See A002(A-14).

Warning (see Remark)

Edited by : Deng Baijian

Deng Baijian (Rapporteur)

Approved by : Kenny Li

Kenny Li (Supervisor)

NOTE: This document is issued by Shenzhen Morlab Communications Technology Co., Ltd., the test report shall not be reproduced except in full without prior written permission of the company. The test results apply only to the particular sample(s) tested and to the specific tests carried out which is available on request for validation and information confirmed at our website.

MORLAB

Shenzhen Morlab Communications Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen, GuangDong Province, P. R. China

Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn

DIRECTORY

1. Applicant Information 5

2. Component Description 5

3. Test Results 8

4. Annex Full List Tested SVHC 9

5. Photo of Sample 18

Annex A General Information 22

Change History		
Version	**Date**	**Reason for Change**
1.0	2023-05-25	First edition
2.0	2023-05-30	Brand name was revised, replaced 1.0 version

Remark:

(1) The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the following SVHC related documents published by ECHA:
https://echa.europa.eu/it/candidate-list-table
These lists are under evaluation by ECHA and may subject to change in the future.

(2) Concerning article(s):
In accordance with Regulation (EC) No 1907/2006, any EU 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 (a) the substance is present in those articles in quantities totaling over one tonne per producer or importer per year; and(b) the substance is present in those articles above a concentration of 0.1% weight by weight (w/w)
Article 33 of Regulation (EC) No 1907/2006 requires supplier of 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.

(3) Concerning material(s):
Test results in the report are based on the tested sample. This report to testing result of tested sample submitted as homogenous materials. 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.

(4) 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 its amendments, 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.

(5) 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.

(6) The limit of 0.1%(w/w) applies to an article.The results were calculated assuming as the submitted sample was an article.
However,the results may not be applicable if the intended use of the sample is a substance or mixture.According to REACH,
definition of an article, substance and mixture are:
i. Article - An object during production is given a special shape,surface or design which determines its function to a greater degree than does its chemical composition
ii. Substance - A chemical element and its compound in the natural state or obtained by any manufacturing process
iii. Mixture(Previously known as "Preparation") - A mixture or solution composed of two or more substances

(7) When the test result is a critical value, we will use the measurement uncertainty give the judgment result based on the 95% Confidence intervals.

1. Applicant Information

Applicant	:	Seeed Technology Co., Ltd
Applicant Address	:	9F,Building G3,TCL International E city,Zhongshanyuan Road,Nanshan, Shenzhen,China.
Manufacturer	:	Seeed Technology Co., Ltd
Manufacturer Address	:	9F, G3 Building, TCL International E City, Zhongshanyuan Road, Nanshan District, Shenzhen, Guangdong Province, P.R.C

2. Component Description

Part No.	Specimen No.	Sample Description	Group table
1	A001	Non-metal Group	-
2	A002	Metal Group	-
3	A003	PCB	-

Specimen No.	Sample No.	Sample Description
A001	A-1	Touch Screen
	A-2	Display Screen
	A-3	Display Screen Reflective Film
	A-4	Display Screen Semi-Reflective Film
	A-5	Display Screen White Film
	A-6	Display Transparent Plastic Sheet
	A-7	Display Screen Silvery Film
	A-8	Display Screen White Plastic Frame
	A-10	Display Screen Transparent Adhesive
	A-11	Display Screen Module Black Ic
	A-12	Display Screen Module Brown Fpc
	A-15	Port Black Plastic
	A-19	Pick Switch Beige Plastic
	A-22	Pick Switch Black Plastic
	A-25	Port Black Plastic
	A-27	Port White Plastic
	A-29	Port Black Plastic
	A-31	Switch Black Plastic
	A-32	Switch Beige Plastic
A002	A-9	Display Silvery Meteal Base Plate
	A-13	Display Screen Module Silvery Metal Sheet
	A-14	Golden Metal
	A-16	Port Silvery Metal Pin
	A-17	Silvery Metal Cover
	A-18	Pick Switch Silvery Metal
	A-20	Pick Switch Silvery Metal Bar

Specimen No.	Sample No.	Sample Description
A002	A-21	Pick Switch Silvery Metal Slip Sheet
	A-23	Pick Switch Silvery Metal Pin
	A-24	Port Silvery Metal
	A-26	Port Silvery Metal Pin
	A-28	Port Silvery Metal Pin
	A-30	Port Silvery Metal Pin
	A-33	Switch Silvery Metal Slip Sheet
A003	A-34	Black IC
	A-35	Black IC
	A-36	Black IC
	A-37	Chip Crystal Oscillator
	A-38	Brown Ceramic Inductor
	A-39	Black Diode
	A-40	Black Triode
	A-41	Chip Capacitor
	A-42	Chip Capacitor
	A-43	Chip Resistor
	A-44	Chip Resistor
	A-45	Tin Solder
	A-46	Black PCB

3. Test Result:

Test Result: (Substances in the Candidate List of SVHC)

Batch	Substance Name	CAS No.	Concentration (%)	RL (%)
			A002(A-14)	
XIX	Lead	7439-92-1	1.80	0.005
-	Other tested SVHC in Candidate List	-	N.D.	-

Batch	Substance Name	CAS No.	Concentration (%)			RL (%)
			A001	A002 except(A-14)	A003	
-	All tested SVHC in Candidate List	-	N.D.	N.D.	N.D.	-

Remark:

（1）RL=Report Limit. All RL are based on homogenous material and these limits are based on laboratory testing technology. When the testing result exceed RL, the report will show specific result. ND= Not detected (lower than RL), ND is denoted on the SVHC substance.

（2）△CAS No. of diastereoisomers identified (α-HBCDD, β- HBCDD,γ-HBCDD): 134237-50-6, 134237-51-7, 134237-52-8

（3）*The test result is based on the calculation of selected element(s)/ marker(s) and the worst-case scenario.

（4）§The substance is proposed for the identification as SVHC only where it contains Michler's ketone (CAS Number:90-94-8) or Michler's base (CAS Number: 101-61-1)≥0.1%(w/w).

4. Annex Full list tested SVHC

No.	Substance Name	CAS No.	RL (%)
1	4,4'-Diaminodiphenylmethane	101-77-9	0.050
2	5-tert-butyl-2,4,6-trinitro-m-xylene	81-15-2	0.050
3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	0.050
4	Anthracene	120-12-7	0.050
5	Diarsenic pentaoxide*	1303-28-2	0.005
6	Diarsenic trioxide*	1327-53-3	0.005
7	Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	0.050
8	Bis(tributyltin)oxide (TBTO)	56-35-9	0.050
9	Benzyl butyl phthalate (BBP)	85-68-7	0.050
10	Cobalt dichloride*	7646-79-9	0.005
11	Dibutyl phthalate (DBP)	84-74-2	0.050
12	Hexabromocyclododecane(HBCDD) and all major diastereoisomers identified (α-HBCDD, β- HBCDD,γ-HBCDD)△	25637-99-4; 3194-55-6	0.050
13	Lead hydrogen arsenate*	7784-40-9	0.005
14	Sodium dichromate*	7789-12-0 10588-01-9	0.005
15	Triethyl arsenate*	15606-95-8	0.005
16	Anthracene oil	90640-80-5	0.050
17	Anthracene oil, anthracene paste,distn. Lights	91995-17-4	0.050
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	0.050
19	Anthracene oil, anthracene-low	90640-82-7	0.050
20	Anthracene oil, anthracene paste	90640-81-6	0.050
21	Pitch, coal tar, high temp	65996-93-2	0.050
22	Tris(2-chloroethyl)phosphate（TCEP）	115-96-8	0.050
23	2,4-Dinitrotoluene (2,4-DNT)	121-14-2	0.050
24	Diisobutyl phthalate（DIBP）	84-69-5	0.050
25	Lead chromate molybdate sulfate red * (C.I. Pigment Red 104)	12656-85-8	0.005
26	Lead sulfochromate yellow* (C.I. Pigment Yellow 34)	1344-37-2	0.005
27	Lead chromate*	7758-97-6	0.005

No.	Substance Name	CAS No.	RL (%)
28	Acrylamide	79-06-1	0.050
29	Trichloroethylene	79-01-6	0.050
30	Boric acid*	10043-35-3 11113-50-1	0.005
31	Disodium tetraborate, anhydrous*	1303-96-4 1330-43-4 12179-04-3	0.005
32	Tetraboron disodium heptaoxide,hydrate*	12267-73-1	0.005
33	Sodium chromate*	7775-11-3	0.005
34	Potassium chromate*	7789-00-6	0.005
35	Ammonium dichromate*	7789-09-5	0.005
36	Potassium dichromate*	7778-50-9	0.005
37	Cobalt(II) sulphate*	10124-43-3	0.005
38	Cobalt(II) dinitrate*	10141-05-6	0.005
39	Cobalt (II) carbonate*	513-79-1	0.005
40	Cobalt(II) diacetate*	71-48-7	0.005
41	2-Methoxyethanol	109-86-4	0.050
42	2-Ethoxyethanol	110-80-5	0.050
43	Chromium trioxide*	1333-82-0	0.005
44	Acids generated from chromium trioxide and their oligomers Group containing: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid*	7738-94-5 13530-68-2	0.005
45	2-ethoxyethyl acetate	111-15-9	0.050
46	Strontium chromate*	7789-6-2	0.005
47	1,2-Benzenedicarboxylic acid,di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	0.050
48	Hydrazine	302-01-2 7803-57-8	0.050
49	1-methyl-2-pyrrolidone	872-50-4	0.050
50	1,2,3-trichloropropane	96-18-4	0.050
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters,C7-rich (DIHP)	71888-89-6	0.050
52	Dichromium tris(chromate)*	24613-89-6	0.005
53	Potassium hydroxyoctaoxodizincatedi-chromate*	11103-86-9	0.005
54	Pentazinc chromate octahydroxide*	49663-84-5	0.005

No.	Substance Name	CAS No.	RL (%)
55	Aluminosilicate Refractory Ceramic Fibres*	-	0.005
56	Zirconia Aluminosilicate Refractory Ceramic Fibres*	-	0.005
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	0.050
58	Bis(2-methoxyethyl) phthalate	117-82-8	0.050
59	2-Methoxyaniline;o-Anisidine	90-04-0	0.050
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	0.050
61	1,2-Dichloroethane	107-06-2	0.050
62	Bis(2-methoxyethyl) ether	111-96-6	0.050
63	Arsenic acid*	7778-39-4	0.005
64	Calcium arsenate*	7778-44-1	0.005
65	Trilead diarsenate*	3687-31-8	0.005
66	N,N-dimethylacetamide (DMAC)	127-19-5	0.050
67	3,3'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	0.050
68	Phenolphthalein	77-09-8	0.050
69	Lead azide Lead diazide*	13424-46-9	0.005
70	Lead styphnate*	15245-44-0	0.005
71	Lead dipicrate*	6477-64-1	0.005
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	0.050
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	0.050
74	Diboron trioxide*	1303-86-2	0.005
75	Formamide	75-12-7	0.050
76	Lead(II) bis(methanesulfonate)*	17570-76-2	0.005
77	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H) -trione (TGIC)	2451-62-9	0.050
78	1,3,5-tris[(2S and2R)-2,3-epoxypropyl]-1,3,5-triazine -2,4,6-(1H,3H,5H)-trione (β-TGIC)	59653-74-6	0.050
79	4,4'-bis(dimethylamino)benzophe none (Michler's ketone)	90-94-8	0.050
80	N,N,N',N'-tetramethyl-4,4'-methyl enedianiline (Michler's base)	101-61-1	0.050
81	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl] methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I.Basic Blue 26) §	2580-56-5	0.050

No.	Substance Name	CAS No.	RL (%)
82	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammoniumchloride (C.I. Basic Violet 3) §	548-62-9	0.050
83	4,4'-bis(dimethylamino)-4''-(methylamino) trityl alcohol§	561-41-1	0.050
84	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino) naphthalene-1-methanol (C.I. Solvent Blue 4) §	6786-83-0	0.050
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; Deca-BDE)	1163-19-5	0.050
86	Pentacosafluorotridecanoic acid	72629-94-8	0.050
87	Tricosafluorododecanoic acid	307-55-1	0.050
88	Henicosafluoroundecanoic acid	2058-94-8	0.050
89	Heptacosafluorotetradecanoic acid	376-06-7	0.050
90	Diazene-1,2-dicarboxamide(C,C'-azodi(formamide))	123-77-3	0.050
91	Cyclohexane-1,2-dicarboxylic anhydride	14166-21-3	0.050
92	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	0.050
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]	-	0.050
94	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	0.050
95	Methoxyacetic acid	625-45-6	0.050
96	N,N-dimethylformamide	68-12-2	0.050
97	Dibutyltin dichloride (DBT)	683-18-1	0.050
98	Lead monoxide (Lead oxide)*	1317-36-8	0.005
99	Orange lead (Lead tetroxide)*	1314-41-6	0.005
100	Lead bis(tetrafluoroborate)*	13814-96-5	0.005
101	Trilead bis(carbonate)dihydroxide*	1319-46-6	0.005
102	Lead titanium trioxide*	12060-00-3	0.005

No.	Substance Name	CAS No.	RL (%)
103	Lead titanium zirconium oxide*	12626-81-2	0.005
104	Silicic acid, lead salt*	11120-22-2	0.005
105	Silicic acid , barium salt , lead-doped*	68784-75-8	0.005
106	1-bromopropane (n-propyl bromide)	106-94-5	0.050
107	Methyloxirane (Propylene oxide)	75-56-9	0.050
108	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	0.050
109	Diisopentylphthalate (DIPP)	605-50-5	0.050
110	N-pentyl-isopentylphthalate	776297-69-9	0.050
111	1,2-diethoxyethane	629-14-1	0.050
112	Acetic acid, lead salt, basic*	51404-69-4	0.005
113	Lead oxide sulfate*	12036-76-9	0.005
114	[Phthalato(2-)]dioxotrilead*	69011-06-9	0.005
115	Dioxobis(stearato)trilead*	12578-12-0	0.005
116	Fatty acids, C16-18, lead salts*	91031-62-8	0.005
117	Lead cynamidate*	20837-86-9	0.005
118	Lead dinitrate*	10099-74-8	0.005
119	Pentalead tetraoxide sulphate*	12065-90-6	0.005
120	Pyrochlore, antimony lead yellow*	8012-00-8	0.005
121	Sulfurous acid, lead salt, dibasic*	62229-08-7	0.005
122	Tetraethyllead*	78-00-2	0.005
123	Tetralead trioxide sulphate*	12202-17-4	0.005
124	Trilead dioxide phosphonate*	12141-20-7	0.005
125	Furan	110-00-9	0.050
126	Diethyl sulphate	64-67-5	0.050
127	Dimethyl sulphate	77-78-1	0.050
128	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	0.050
129	Dinoseb	88-85-7	0.050
130	4,4'-methylenedi-*o*-toluidine	838-88-0	0.050
131	4,4'-oxydianiline and its salts	101-80-4	0.050
132	4-aminoazobenzene	60-09-3	0.050
133	4-methyl-*m*-phenylenediamine	95-80-7	0.050

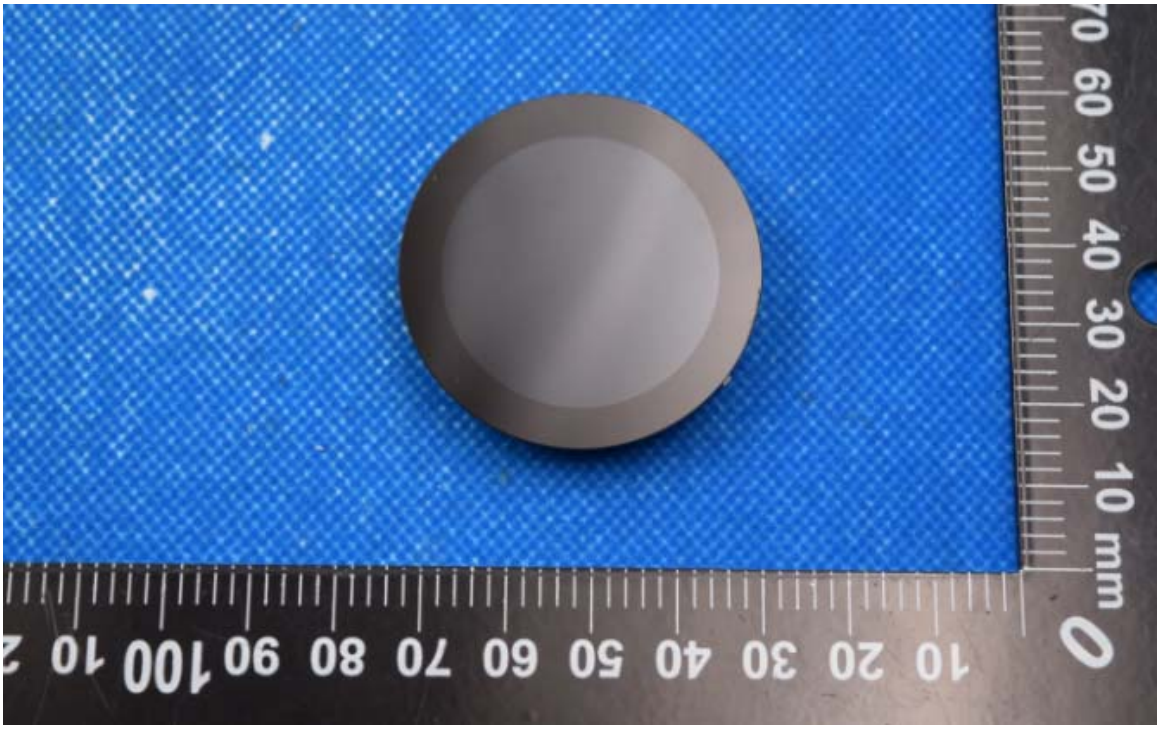
No.	Substance Name	CAS No.	RL (%)
134	6-methoxy-*m*-toluidine	120-71-8	0.050
135	Biphenyl-4-ylamine	92-67-1	0.050
136	*o*-aminoazotoluene	97-56-3	0.050
137	*o*-toluidine	95-53-4	0.050
138	N-methylacetamide	79-16-3	0.050
139	Cadmium*	7440-43-9	0.005
140	Cadmium oxide*	1306-19-0	0.005
141	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	0.050
142	Pentadecafluorooctanoic acid(PFOA)	335-67-1	0.050
143	Dipentyl phthalate (DPP)	131-18-0	0.050
144	4-Nonylphenol, branched and linear, ethoxylated	-	0.050
145	Cadmium sulphide*	1306-23-6	0.005
146	Dihexyl phthalate	84-75-3	0.050
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis (4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	0.050
148	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo] [1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthal ene-2,7-disulphonate (C.I. DirectBlack 38)	1937-37-7	0.050
149	Imidazolidine-2-thione	96-45-7	0.050
150	Lead di(acetate)*	301-04-2	0.005
151	Trixylyl phosphate	25155-23-1	0.050
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	0.050
153	Cadmium chloride*	10108-64-2	0.005
154	Sodium perborate; perboric acid, sodium salt*	-	0.005
155	Sodium peroxometaborate*	7632-04-4	0.005
156	Cadmium fluoride*	7790-79-6	0.005
157	Cadmium sulphate*	10124-36-4	0.005
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	0.050
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphe-nol (UV-328)	25973-55-1	0.050
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia -4-stannatetradecanoate (DOTE)	15571-58-1	0.050
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)	-	0.050

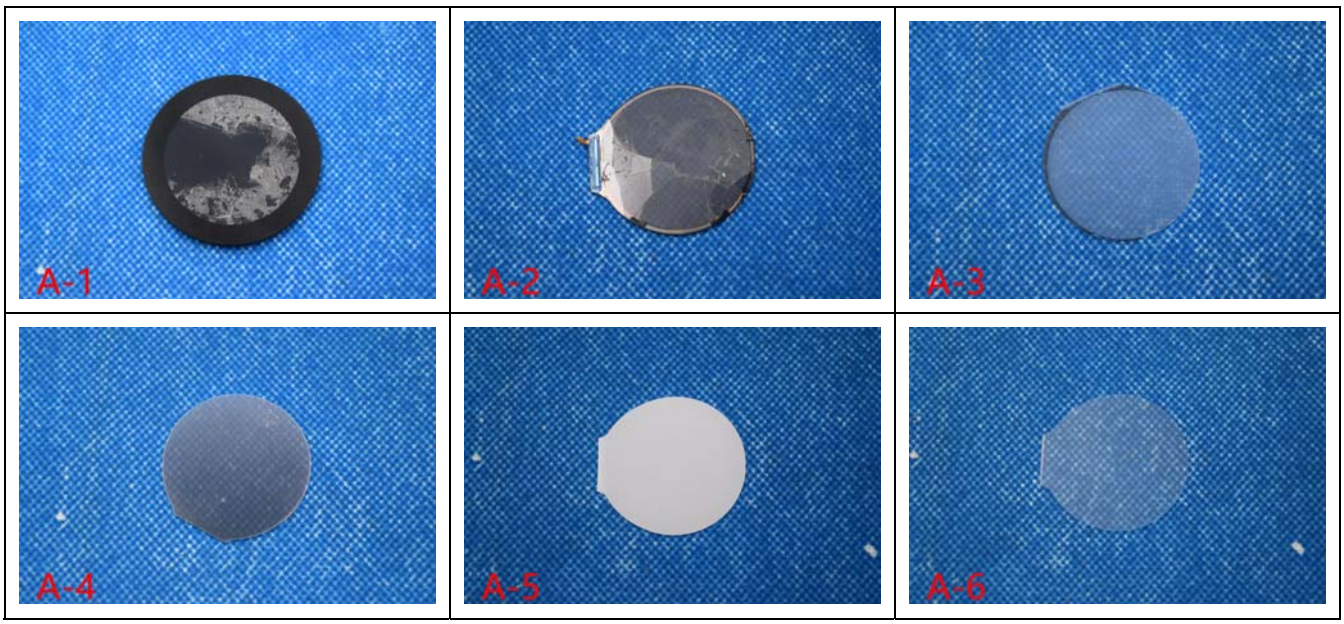
No.	Substance Name	CAS No.	RL (%)
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5/ 68648-93-1	0.050
163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1],5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	-	0.050
164	1,3-propanesultone	1120-71-4	0.050
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	0.050
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	0.050
167	Nitrobenzene	98-95-3	0.050
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	0.050
169	Benzo[def]chrysene	50-32-8	0.050
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	0.050
171	nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	0.050
172	4-heptylphenol, branched and linear (4-HPbl)	-	0.050
173	4-tert-pentylphenol (PTAP)	80-46-6	0.050
174	Perfluorohexane-1-sulphonic acid and its salts PFHxS	-	0.050
175	Dechlorane Plus(TM) and reaction products of1,3,4-thiadiazolidine-2,5-dithione	-	0.050
176	benz[a]anthracene	56-55-3	0.050
177	cadmium nitrate*	10325-94-7	0.005
178	cadmium carbonate*	513-78-0	0.005
179	cadmium hydroxide*	21041-95-2	0.005
180	chrysene	218-01-9	0.050
181	formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ⩾0.1% w/w 4-heptylphenol, branched and linear]	-	0.050
182	Terphenyl, hydrogenated	61788-32-7	0.050
183	Octamethylcyclotetrasiloxane D4	556-67-2	0.050
184	Lead*	7439-92-1	0.005
185	Ethylenediamine EDA	107-15-3	0.050

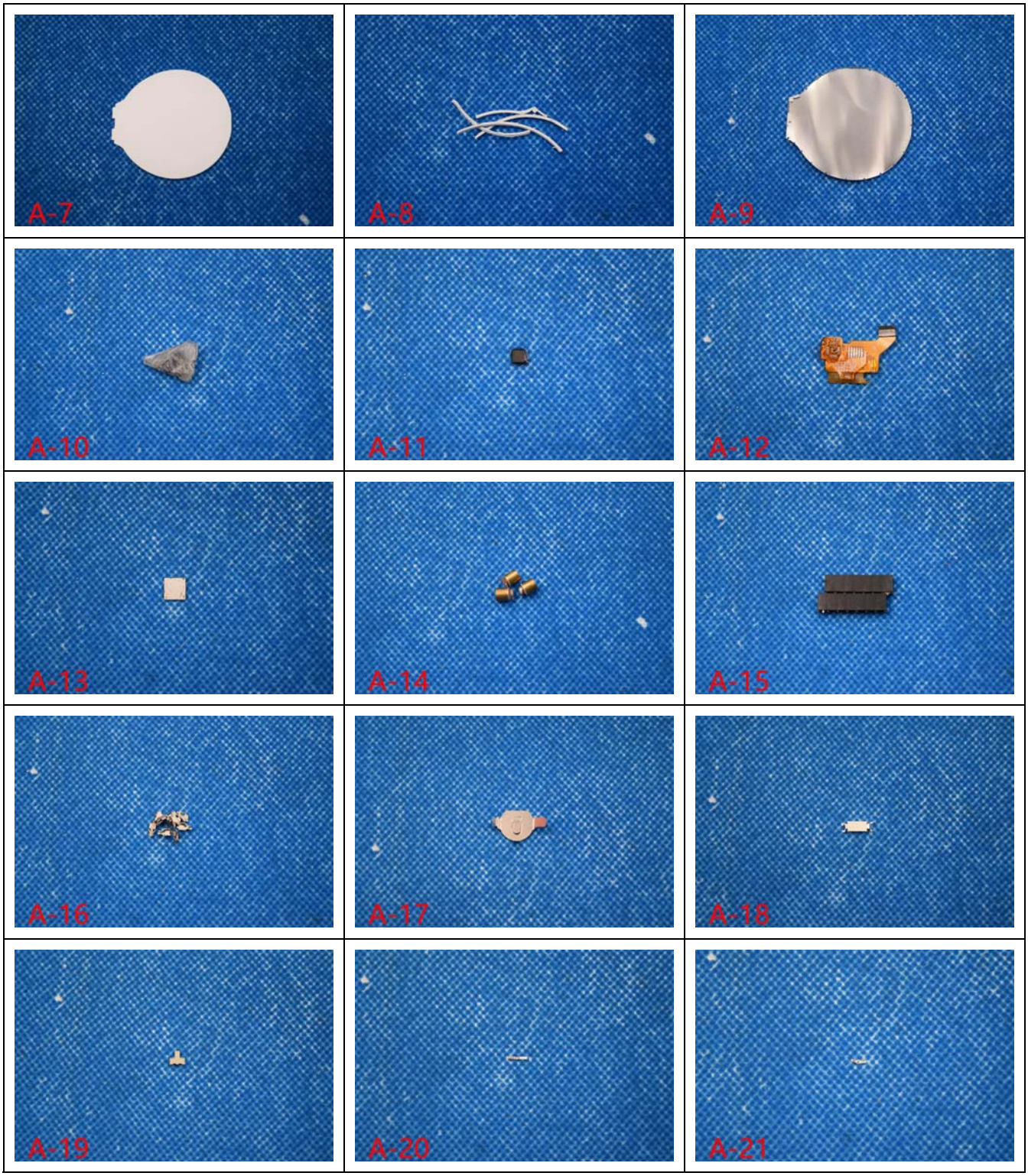
No.	Substance Name	CAS No.	RL (%)
186	Dodecamethylcyclohexasiloxane D6	540-97-6	0.050
187	Disodium octaborate*	12008-41-2	0.005
188	Dicyclohexyl phthalate DCHP	84-61-7	0.050
189	Decamethylcyclopentasiloxane D5	541-02-6	0.050
190	Benzo[ghi]perylene	191-24-2	0.050
191	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride trimellitic anhydride; TMA	552-30-7	0.050
192	2,2-bis(4'-hydroxyphenyl)- 4-methylpentane	6807-17-6	0.050
193	Benzo[k]fluoranthene	207-08-9	0.050
194	Fluoranthene	206-44-0	0.050
195	Phenanthrene	85-01-8	0.050
196	Pyrene	129-00-0	0.050
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	0.050
198	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ⩾ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	0.050
199	4-tert-butylphenol	98-54-4	0.050
200	2-methoxyethyl acetate	110-49-6	0.050
201	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	-	0.050
202	Perfluorobutane sulfonic acid (PFBS) and its salts	-	0.050
203	Diisohexyl phthalate	71850-09-4	0.050
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	0.050
205	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	0.050
206	1-vinylimidazole	1072-63-5	0.050
207	2-methylimidazole	693-98-1	0.050
208	Butyl 4-hydroxybenzoate	94-26-8	0.050
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	0.050
210	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	0.050
211	Dioctyltin 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	-	0.050
212	1,4-dioxane	123-91-1	0.050
213	2,2-bis(bromomethyl)propane1,3-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	0.050

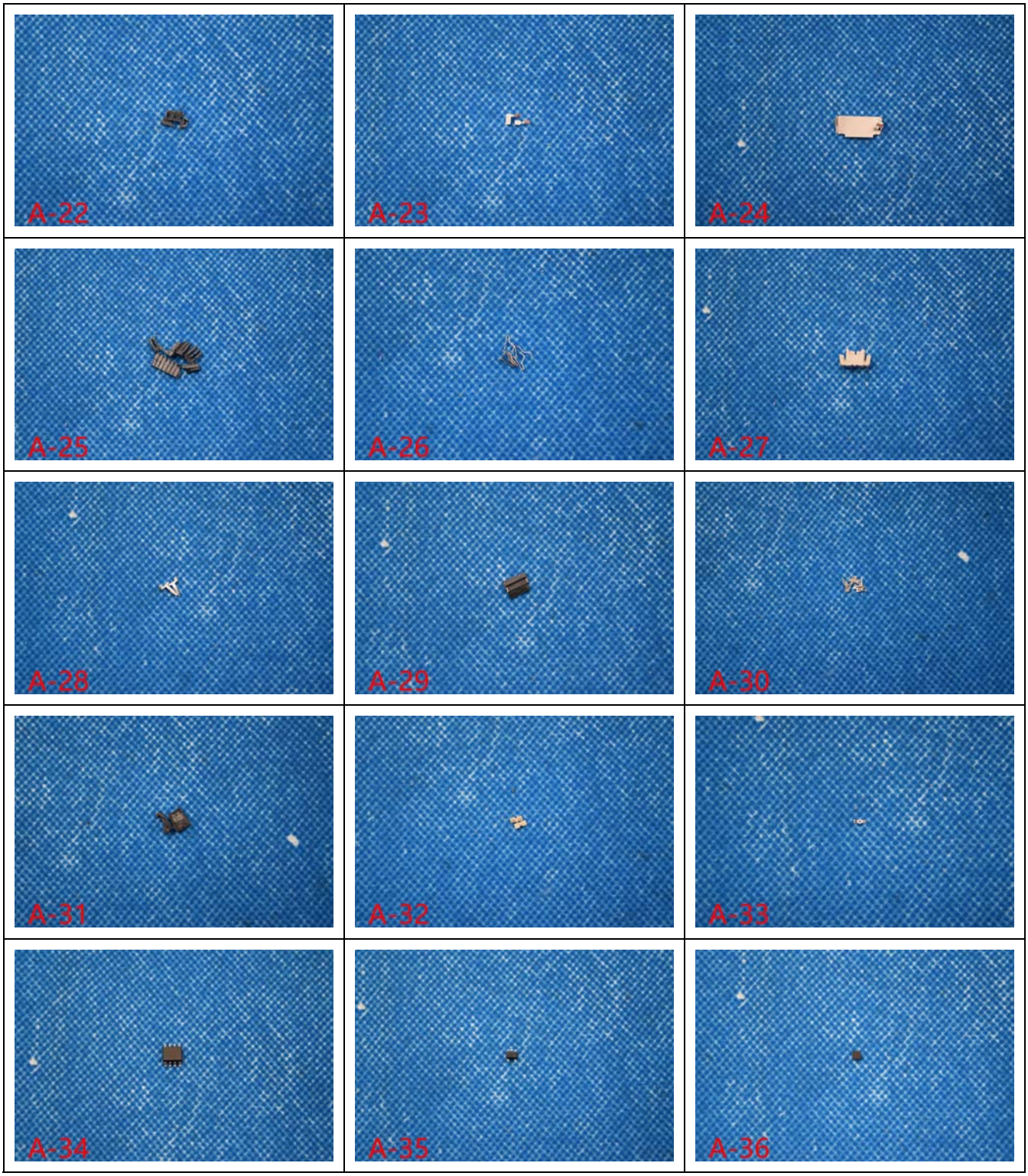
No.	Substance Name	CAS No.	RL (%)
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	0.050
215	4,4'-(1-methylpropylidene) bisphenol (bisphenol B)	77-40-7	0.050
216	Glutaral	111-30-8	0.050
217	Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]	-	0.050
218	Orthoboric acid, sodium salt*	13840-56-7	0.005
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)	-	0.050
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)	-	0.050
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	0.050
222	S-(tricyclo[5.2.1.0'2,6]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8	0.050
223	tris(2-methoxyethoxy)vinylsilane	1067-53-4	0.050
224	N-(hydroxymethyl)acrylamide	924-42-5	0.050
225	1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]	37853-59-1	0.050
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	0.050
227	4,4'-sulphonyldiphenol	80-09-1	0.050
228	Barium diboron tetraoxide*	13701-59-2	0.005
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-	0.050
230	Isobutyl 4-hydroxybenzoate	4247-02-3	0.050
231	Melamine	108-78-1	0.050
232	Perfluoroheptanoic acid and its salts	-	0.050
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	-	0.050

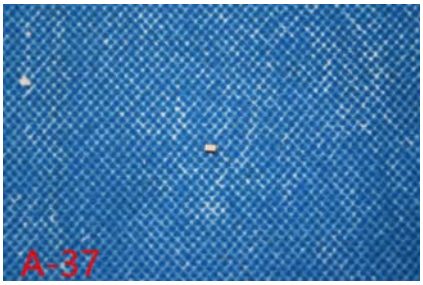
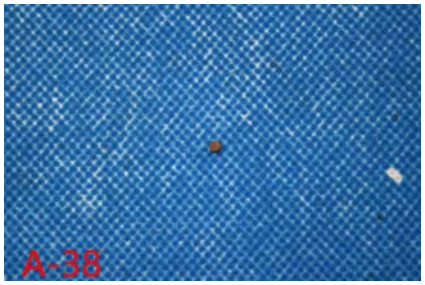
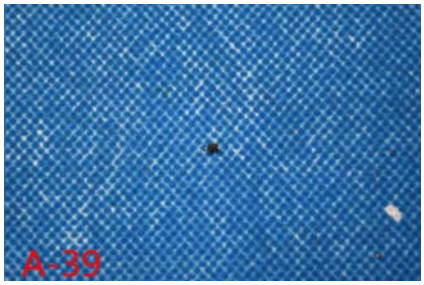
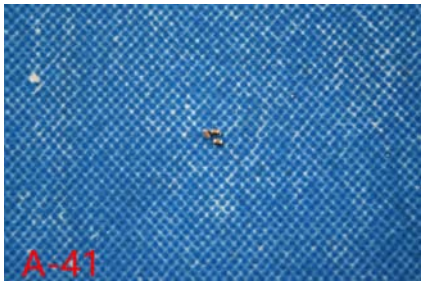
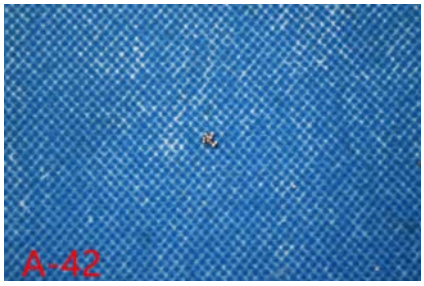
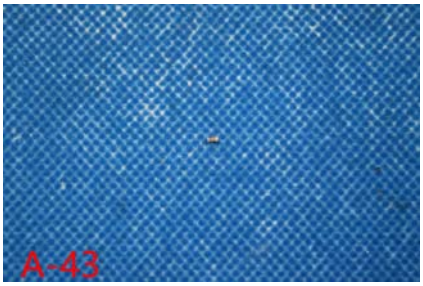
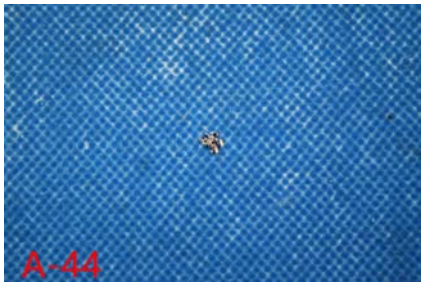
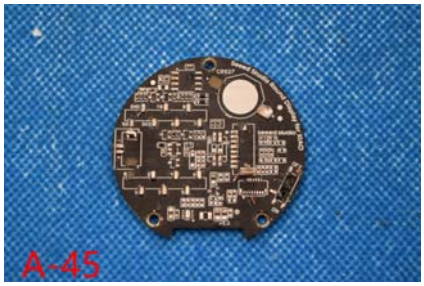
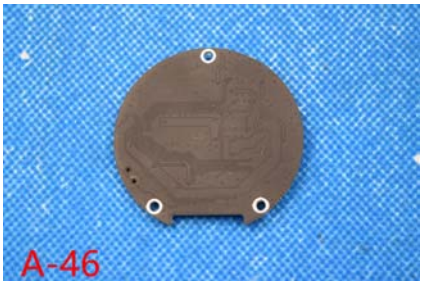
5. Photo of Sample






A-7
A-8
A-9
A-10
A-11
A-12
A-13
A-14
A-15
A-16
A-17
A-18
A-19
A-20
A-21


A-22
A-23
A-24
A-25
A-26
A-27
A-28
A-29
A-30
A-31
A-32
A-33
A-34
A-35
A-36

 A-37	 A-38	 A-39
 A-40	 A-41	 A-42
 A-43	 A-44	 A-45
 A-46		

Annex A General Information

1.1 Identification of the Responsible Testing Laboratory

Laboratory Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Laboratory Address:	FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road, Block67, BaoAn District, ShenZhen, GuangDong Province, P. R. China
Telephone:	+86 755 36698555
Facsimile:	+86 755 36698525

1.2 Identification of the Responsible Testing Location

Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Address:	FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road, Block67, BaoAn District, ShenZhen, GuangDong Province, P. R. China

***** END OF REPORT *****