REPORT No.: SZ25050033R02

TEST REPORT

Applicant	:	Orbbec Inc.
Product Name	:	Orbbec Gemini 435Le
Model Name	:	G30056-370
Brand Name	:	ORBBEC
Test Request	:	As requested by client, to screen 247 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	:	2025-05-06
Test Date	:	2025-05-06 to 2025-06-11
Issue Date	:	2025-06-30

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 articles of the submitted sample. See Test Result A002(A-88,A-94,A-111) , B002(B-21,B-23) and C002(C-2,C-3,C-6)	See Remark

Edited by: Tao Qing (Rapporteur)

Approved by: Kenny Li (Supervisor)

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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 in the Candidate List.

(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.

1. Applicant Information

Applicant	:	Orbbec Inc.
Applicant Address	:	Orbbec Technology Building, No.88 High-tech North 1st Road, Nanshan District, Shenzhen, China
Manufacturer	:	Orbbec Inc.
Manufacturer Address	:	Orbbec Technology Building, No.88 High-tech North 1st Road, Nanshan District, Shenzhen, China

2. Test Part Description

Part No.	Specimen No.	Sample Description	Group table
A	A001	Non-metal Group	---
A	A002	Metal Group	---
A	A003	Electronic Components	---
B	B001	Non-metal Group	---
B	B002	Metal Group	---
C	C001	Non-metal Group	---
C	C002	Metal Group	---

Specimen No.	Sample No.	Sample Description
A001	A-1	Black Plastic Label
A001	A-9	White Stick Adhesive
A001	A-11	Gray Soft Plastic
A001	A-12	Red Soft Plastic
A001	A-13	Black FPC
A001	A-15	Grey Thermal Silicone
A001	A-16	Pink Thermal Silicone
A001	A-17	Gray Conductive Cloth
A001	A-18	Black Stick Adhesive
A001	A-20	Black Adhesive
A001	A-21	Black Soft Plastic
A001	A-22	Black Foam
A001	A-23	Black PCB
A001	A-24	White Plastic
A001	A-26	Black Wire Jacket
A001	A-28	Brown FPC
A001	A-31	Clear Adhesive
A001	A-32	Green PCB
A001	A-56	Black Plastic
A001	A-57	Grey Plastic
A001	A-58	Black Plastic
A001	A-60	White Plastic
A001	A-61	Beige Plastic
A001	A-63	White Plastic

Specimen No.	Sample No.	Sample Description
A001	A-65	Black Plastic
A001	A-67	Black Soft Plastic
A001	A-68	Yellow Tape
A001	A-71	Grey Ceramic
A001	A-72	Red Gel
A001	A-73	Yellow Tape
A001	A-74	Black Plastic
A001	A-77	Black Plastic
A001	A-78	Black Ceramic
A001	A-80	Black Plastic
A001	A-82	Black Ceramic
A001	A-85	Black Plastic
A001	A-87	Black Plastic Knob
A001	A-89	Black Soft Plastic Ring
A001	A-92	Black Plastic
A001	A-95	Green PCB
A001	A-112	Green PCB
A001	A-114	Black Plastic
A001	A-116	Blue PCB
A001	A-118	Black Press Interface
A001	A-129	Black FPC
A001	A-131	White Stick Adhesive
A001	A-132	Black Stick Adhesive
A001	A-134	White Gel
A001	A-135	Black Stick Adhesive
A001	A-136	Black FPC
A001	A-139	Black Plastic
A001	A-140	Transparent Plastic
A001	A-141	Black Plastic Pad
A001	A-142	Brown FPC
A001	A-144	Black Plastic
A001	A-146	Transparent Plastic
A001	A-19	Black Glass
A002	A-2	Black Metal Screw
A002	A-3	Black Metal Shell
A002	A-4	Black Metal

Specimen No.	Sample No.	Sample Description
A002	A-5	Silvery Metal Screw
A002	A-6	Black Metal Screw
A002	A-7	Silvery Metal Spring
A002	A-8	Gray Metal Board
A002	A-10	Silvery Metal Baffle
A002	A-14	Silvery Metal Sheet
A002	A-25	Silvery Metal
A002	A-27	Silvery Metal Wire Core
A002	A-29	Silvery Metal Sheet
A002	A-33	Silvery Soldering Tin
A002	A-34	Silvery Metal
A002	A-59	Silvery Metal
A002	A-62	Silvery Metal Pin
A002	A-64	Silvery Metal Pin
A002	A-66	Silvery Metal Shell
A002	A-70	Silvery Metal Pin
A002	A-75	Red Metal Coil
A002	A-76	Copper-Colored Metal Coil
A002	A-79	Copper-Colored Metal Coil
A002	A-81	Silvery Metal Pin
A002	A-83	Copper-Colored Metal Coil
A002	A-84	Silvery Metal Shell
A002	A-86	Golden Metal Pin
A002	A-88	Silvery Metal
A002	A-90	Silvery Metal Gasket
A002	A-91	Silvery Metal
A002	A-93	Silvery Metal
A002	A-94	Golden Metal Pin
A002	A-96	Silvery Soldering Tin
A002	A-110	Silvery Metal
A002	A-111	Silvery Metal
A002	A-115	Golden Metal Pin
A002	A-117	Silvery Soldering Tin
A002	A-130	Silvery Metal Sheet
A002	A-133	Gray Metal
A002	A-138	Silvery Metal Sheet

Specimen No.	Sample No.	Sample Description
A002	A-143	Golden Metal Sheet
A002	A-145	Black Metal Ring
A003	A-30	Black Sensor
A003	A-35	Black IC
A003	A-36	Black IC
A003	A-37	Black IC
A003	A-38	Black IC
A003	A-39	Black IC
A003	A-40	Black IC
A003	A-41	Black IC
A003	A-42	Black IC
A003	A-43	Black IC
A003	A-44	Black IC
A003	A-45	Black Diode
A003	A-46	Black Diode
A003	A-47	Black Diode
A003	A-48	Black Diode
A003	A-49	Black Diode
A003	A-50	Brown Chip Capacitor
A003	A-51	Brown Chip Capacitor
A003	A-52	Black Triode
A003	A-53	Black Resistor
A003	A-54	Gray Inductor
A003	A-55	Gray Inductor
A003	A-69	Black Electrolyte
A003	A-97	Black IC
A003	A-98	Black IC
A003	A-99	Black IC
A003	A-100	Black IC
A003	A-101	Black IC
A003	A-102	Black IC
A003	A-103	Black IC
A003	A-104	Black IC
A003	A-105	Black IC
A003	A-106	Black Inductor
A003	A-107	Brown Inductor

Specimen No.	Sample No.	Sample Description
A003	A-108	Golden Crystals
A003	A-109	Black Diode
A003	A-113	Black IC
A003	A-119	Black IC
A003	A-120	Black IC
A003	A-121	Black IC
A003	A-122	Black IC
A003	A-123	Black IC
A003	A-124	Black IC
A003	A-125	Black Triode
A003	A-126	Gray Inductor
A003	A-127	Gray Inductor
A003	A-128	Black Resistor
A003	A-137	Black IC
B001	B-1	Transparent Plastic
B001	B-2	Black Plastic
B001	B-4	White Gel
B001	B-5	Transparent Crystal Plastic
B001	B-7	Black Plastic Jacket
B001	B-9	Silvery Tinfoil
B001	B-10	Transparent Plastic Film
B001	B-11	Transparent Plastic
B001	B-12	Blue-White Plastic Wire Jacket
B001	B-13	Blue Plastic Wire Jacket
B001	B-14	Brown Plastic Wire Jacket
B001	B-15	Brown-White Plastic Wire Jacket
B001	B-16	Red Wire Jacket
B001	B-17	Red And White Plastic Wire Jacket
B001	B-18	Green Plastic Wire Jacket
B001	B-19	Green-White Plastic Wire Jacket
B001	B-22	Black Plastic
B002	B-3	Silvery Metal
B002	B-6	Golden Metal Sheet
B002	B-8	Silvery Metal Mesh
B002	B-20	Silvery Metal Head
B002	B-21	Silvery Metal

Specimen No.	Sample No.	Sample Description
B002	B-23	Golden Metal Pin
C001	C-1	Black Plastic
C001	C-5	Black Soft Plastic Ring
C001	C-8	Black Plastic Jacket
C001	C-9	White Plastic Wire Cover
C001	C-10	Black Wire Jacket
C001	C-11	Black Wire Jacket
C001	C-12	White Insulating Paper
C001	C-15	White Cotton Thread
C001	C-16	Black Wire Jacket
C001	C-17	Orange Plastic Wire
C001	C-18	Blue Plastic Wire Jacket
C001	C-19	Green Plastic Wire Jacket
C001	C-20	Yellow Plastic Wire Jacket
C001	C-21	Brown Plastic Wire Jacket
C001	C-22	Purple Plastic Wire Jacket
C001	C-23	Black Wire Jacket
C002	C-2	Silvery Metal
C002	C-3	Silvery Metal
C002	C-4	Black Metal
C002	C-6	Golden Metal Pin
C002	C-7	Copper Foil
C002	C-13	Silvery Metal Mesh
C002	C-14	Silvery Tinfoil
C002	C-24	Silvery Metal Wire Core

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

Batch	Substance Name	CAS No.	RL (%)	Concentration (%)		
				A002(A-88)	A002(A-94)	A002(A-111)
XIX	Lead	7439-92-1	0.050	2.40	2.07	1.81
---	Other tested SVHC in Candidate List	---	---	ND	ND	ND

Batch	Substance Name	CAS No.	RL (%)	Concentration (%)		
				B002(B-21)	B002(B-23)	C002(C-2)
XIX	Lead	7439-92-1	0.050	2.22	1.61	2.28
---	Other tested SVHC in Candidate List	---	---	ND	ND	ND

Batch	Substance Name	CAS No.	RL (%)	Concentration (%)		
				C002(C-3)	C002(C-4)	A001(A-89)
XIX	Lead	7439-92-1	0.050	3.02	2.94	ND
I	Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	0.050	ND	ND	0.075
---	Other tested SVHC in Candidate List	---	---	ND	ND	ND

Batch	Substance Name	CAS No.	RL (%)	Concentration (%)		
				A001 except(A-89)	A002 except(A-88,A-94,A-111)	A003
---	All tested SVHC in Candidate List	---	---	ND	ND	ND

Batch	Substance Name	CAS No.	RL (%)	Concentration (%)			
				B001	B002 except(B-21,B-23)	C001	C002 except(C-2,C-3,C-4)
---	All tested SVHC in Candidate List	---	---	ND	ND	ND	ND

Notes:

(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. "---" = Not Applicable.

(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. Appendix - Full list tested SVHC

Batch	No.	Substance Name	CAS No.	RL (%)
I	1	4,4'-Diaminodiphenylmethane	101-77-9	0.050
I	2	5-tert-butyl-2,4,6-trinitro-m-xylene	81-15-2	0.050
I	3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	0.050
I	4	Anthracene	120-12-7	0.050
I	5	Diarsenic pentaoxide*	1303-28-2	0.005
I	6	Diarsenic trioxide*	1327-53-3	0.005
I	7	Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	0.050
I	8	Bis(tributyltin)oxide (TBTO)	56-35-9	0.050
I	9	Benzyl butyl phthalate (BBP)	85-68-7	0.050
I	10	Cobalt dichloride*	7646-79-9	0.005
I	11	Dibutyl phthalate (DBP)	84-74-2	0.050
I	12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD, β- HBCDD, γ-HBCDD)△	25637-99-4; 3194-55-6	0.050
I	13	Lead hydrogen arsenate*	7784-40-9	0.005
I	14	Sodium dichromate*	7789-12-0; 10588-01-9	0.005
I	15	Triethyl arsenate*	15606-95-8	0.005
II	16	Anthracene oil	90640-80-5	0.050
II	17	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	0.050
II	18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	0.050
II	19	Anthracene oil, anthracene-low	90640-82-7	0.050
II	20	Anthracene oil, anthracene paste	90640-81-6	0.050
II	21	Pitch, coal tar, high temp	65996-93-2	0.050
II	22	Tris(2-chloroethyl)phosphate (TCEP)	115-96-8	0.050
II	23	2,4-Dinitrotoluene (2,4-DNT)	121-14-2	0.050
II	24	Diisobutyl phthalate (DIBP)	84-69-5	0.050
II	25	Lead chromate molybdate sulfate red *(C.I. Pigment Red 104)	12656-85-8	0.005
II	26	Lead sulfochromate yellow* (C.I. Pigment Yellow 34)	1344-37-2	0.005
II	27	Lead chromate*	7758-97-6	0.005
II	28	Acrylamide	79-06-1	0.050
III	29	Trichloroethylene	79-01-6	0.050
III	30	Boric acid*	10043-35-3; 11113-50-1	0.005

Batch	No.	Substance Name	CAS No.	RL (%)
III	31	Disodium tetraborate, anhydrous*	1303-96-4; 1330-43-4; 12179-04-3	0.005
III	32	Tetraboron disodium heptaoxide, hydrate*	12267-73-1	0.005
III	33	Sodium chromate*	7775-11-3	0.005
III	34	Potassium chromate*	7789-00-6	0.005
III	35	Ammonium dichromate*	7789-09-5	0.005
III	36	Potassium dichromate*	7778-50-9	0.005
IV	37	Cobalt(II) sulphate*	10124-43-3	0.005
IV	38	Cobalt(II) dinitrate*	10141-05-6	0.005
IV	39	Cobalt(II) carbonate*	513-79-1	0.005
IV	40	Cobalt(II) diacetate*	71-48-7	0.005
IV	41	2-Methoxyethanol	109-86-4	0.050
IV	42	2-Ethoxyethanol	110-80-5	0.050
IV	43	Chromium trioxide*	1333-82-0	0.005
IV	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
V	45	2-ethoxyethyl acetate	111-15-9	0.050
V	46	Strontium chromate*	7789-6-2	0.005
V	47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	0.050
V	48	Hydrazine	302-01-2; 7803-57-8	0.050
V	49	1-methyl-2-pyrrolidone	872-50-4	0.050
V	50	1,2,3-trichloropropane	96-18-4	0.050
V	51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	0.050
VI	52	Dichromium tris(chromate)*	24613-89-6	0.005
VI	53	Potassium hydroxyoctaoxodizincatedi-chromate*	11103-86-9	0.005
VI	54	Pentazinc chromate octahydroxide*	49663-84-5	0.005
VI	55	Aluminosilicate Refractory Ceramic Fibres*	---	0.005
VI	56	Zirconia Aluminosilicate Refractory Ceramic Fibres*	---	0.005
VI	57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	0.050
VI	58	Bis(2-methoxyethyl) phthalate	117-82-8	0.050
VI	59	2-Methoxyaniline; o-Anisidine	90-04-0	0.050
VI	60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	0.050
VI	61	1,2-Dichloroethane	107-06-2	0.050
VI	62	Bis(2-methoxyethyl) ether	111-96-6	0.050

Batch	No.	Substance Name	CAS No.	RL (%)
VI	63	Arsenic acid*	7778-39-4	0.005
VI	64	Calcium arsenate*	7778-44-1	0.005
VI	65	Trilead diarsenate*	3687-31-8	0.005
VI	66	N,N-dimethylacetamide (DMAC)	127-19-5	0.050
VI	67	3,3'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	0.050
VI	68	Phenolphthalein	77-09-8	0.050
VI	69	Lead azide Lead diazide*	13424-46-9	0.005
VI	70	Lead styphnate*	15245-44-0	0.005
VI	71	Lead dipicrate*	6477-64-1	0.005
VII	72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	0.050
VII	73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	0.050
VII	74	Diboron trioxide*	1303-86-2	0.005
VII	75	Formamide	75-12-7	0.050
VII	76	Lead(II) bis(methanesulfonate)*	17570-76-2	0.005
VII	77	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione (TGIC)	2451-62-9	0.050
VII	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
VII	79	4,4'-bis(dimethylamino)benzophe none (Michler's ketone)	90-94-8	0.050
VII	80	N,N,N',N'-tetramethyl-4,4'-methyl enedianiline (Michler's base)	101-61-1	0.050
VII	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
VII	82	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammoniumchloride (C.I. Basic Violet 3) §	548-62-9	0.050
VII	83	4,4'-bis(dimethylamino)-4''-(methylamino) trityl alcohol§	561-41-1	0.050
VII	84	α,α-Bis[4-(dimethylamino)phenyl]-4(phenylamino) naphthalene-1-methanol (C.I. Solvent Blue 4) §	6786-83-0	0.050
VIII	85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; Deca-BDE)	1163-19-5	0.050
VIII	86	Pentacosafluorotridecanoic acid	72629-94-8	0.050
VIII	87	Tricosafluorododecanoic acid	307-55-1	0.050
VIII	88	Henicosafluoroundecanoic acid	2058-94-8	0.050
VIII	89	Heptacosafluorotetradecanoic acid	376-06-7	0.050
VIII	90	Diazene-1,2-dicarboxamide(C,C'-azodi(formamide))	123-77-3	0.050
VIII	91	Cyclohexane-1,2-dicarboxylic anhydride	14166-21-3	0.050

Batch	No.	Substance Name	CAS No.	RL (%)
VIII	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
VIII	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
VIII	94	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	---	0.050
VIII	95	Methoxyacetic acid	625-45-6	0.050
VIII	96	N,N-dimethylformamide	68-12-2	0.050
VIII	97	Dibutyltin dichloride (DBT)	683-18-1	0.050
VIII	98	Lead monoxide (Lead oxide)*	1317-36-8	0.005
VIII	99	Orange lead (Lead tetroxide)*	1314-41-6	0.005
VIII	100	Lead bis(tetrafluoroborate)*	13814-96-5	0.005
VIII	101	Trilead bis(carbonate)dihydroxide*	1319-46-6	0.005
VIII	102	Lead titanium trioxide*	12060-00-3	0.005
VIII	103	Lead titanium zirconium oxide*	12626-81-2	0.005
VIII	104	Silicic acid, lead salt*	11120-22-2	0.005
VIII	105	Silicic acid, barium salt, lead-doped*	68784-75-8	0.005
VIII	106	1-bromopropane (n-propyl bromide)	106-94-5	0.050
VIII	107	Methyloxirane (Propylene oxide)	75-56-9	0.050
VIII	108	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	0.050
VIII	109	Diisopentylphthalate (DIPP)	605-50-5	0.050
VIII	110	N-pentyl-isopentylphthalate	776297-69-9	0.050
VIII	111	1,2-diethoxyethane	629-14-1	0.050
VIII	112	Acetic acid, lead salt, basic*	51404-69-4	0.005
VIII	113	Lead oxide sulfate*	12036-76-9	0.005
VIII	114	[Phthalato(2-)]dioxotrilead*	69011-06-9	0.005
VIII	115	Dioxobis(stearato)trilead*	12578-12-0	0.005
VIII	116	Fatty acids, C16-18, lead salts*	91031-62-8	0.005
VIII	117	Lead cynamidate*	20837-86-9	0.005
VIII	118	Lead dinitrate*	10099-74-8	0.005
VIII	119	Pentalead tetraoxide sulphate*	12065-90-6	0.005
VIII	120	Pyrochlore, antimony lead yellow*	8012-00-8	0.005
VIII	121	Sulfurous acid, lead salt, dibasic*	62229-08-7	0.005

Batch	No.	Substance Name	CAS No.	RL (%)
VIII	122	Tetraethyllead*	78-00-2	0.005
VIII	123	Tetralead trioxide sulphate*	12202-17-4	0.005
VIII	124	Trilead dioxide phosphonate*	12141-20-7	0.005
VIII	125	Furan	110-00-9	0.050
VIII	126	Diethyl sulphate	64-67-5	0.050
VIII	127	Dimethyl sulphate	77-78-1	0.050
VIII	128	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	0.050
VIII	129	Dinoseb	88-85-7	0.050
VIII	130	4,4'-methylenedi-*o*-toluidine	838-88-0	0.050
VIII	131	4,4'-oxydianiline and its salts	101-80-4	0.050
VIII	132	4-aminoazobenzene	60-09-3	0.050
VIII	133	4-methyl-m-phenylenediamine	95-80-7	0.050
VIII	134	6-methoxy-m-toluidine	120-71-8	0.050
VIII	135	Biphenyl-4-ylamine	92-67-1	0.050
VIII	136	o-aminoazotoluene	97-56-3	0.050
VIII	137	o-toluidine	95-53-4	0.050
VIII	138	N-methylacetamide	79-16-3	0.050
IX	139	Cadmium*	7440-43-9	0.005
IX	140	Cadmium oxide*	1306-19-0	0.005
IX	141	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	0.050
IX	142	Pentadecafluorooctanoic acid (PFOA)	335-67-1	0.050
IX	143	Dipentyl phthalate (DPP)	131-18-0	0.050
IX	144	4-Nonylphenol, branched and linear, ethoxylated	---	0.050
X	145	Cadmium sulphide*	1306-23-6	0.005
X	146	Dihexyl phthalate	84-75-3	0.050
X	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
X	148	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. DirectBlack 38)	1937-37-7	0.050
X	149	Imidazolidine-2-thione	96-45-7	0.050
X	150	Lead di(acetate)*	301-04-2	0.005
X	151	Trixylyl phosphate	25155-23-1	0.050
XI	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	0.050
XI	153	Cadmium chloride*	10108-64-2	0.005
XI	154	Sodium perborate; perboric acid, sodium salt*	-	0.005

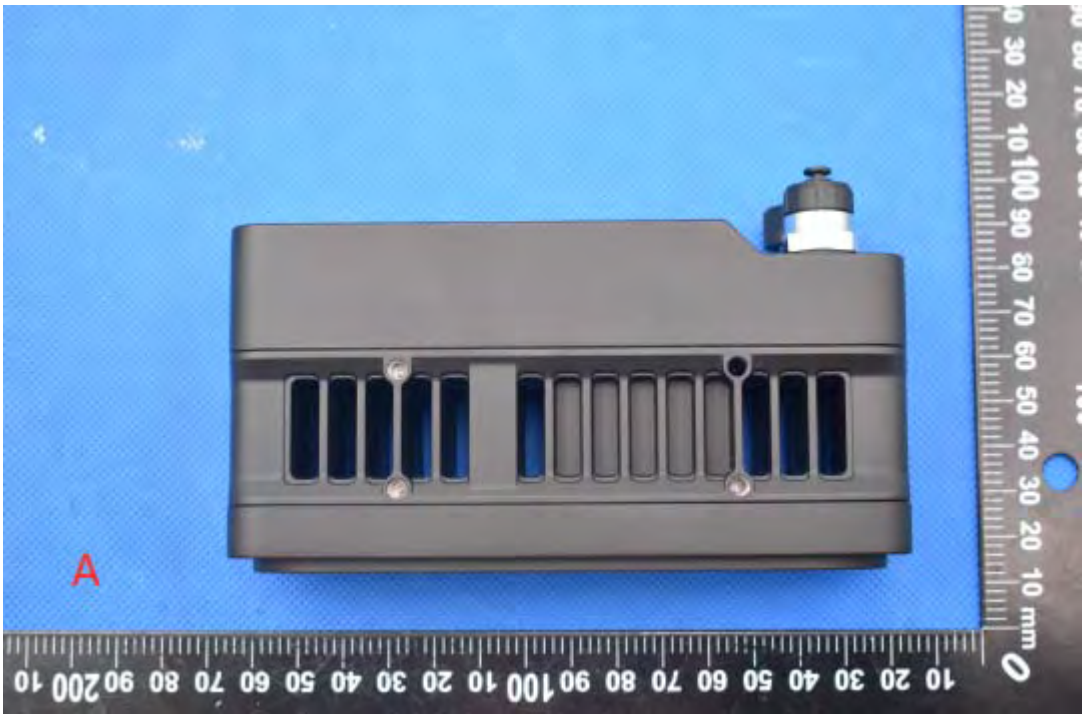
Batch	No.	Substance Name	CAS No.	RL (%)
XI	155	Sodium peroxometaborate*	7632-04-4	0.005
XII	156	Cadmium fluoride*	7790-79-6	0.005
XII	157	Cadmium sulphate*	10124-36-4	0.005
XII	158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	0.050
XII	159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphe-nol (UV-328)	25973-55-1	0.050
XII	160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia -4-stannatetradecanoate (DOTE)	15571-58-1	0.050
XII	161	reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetra decanoate 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
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	68515-51-5; 68648-93-1	0.050
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-met hyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	---	0.050
XIV	164	1,3-propanesultone	1120-71-4	0.050
XIV	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	0.050
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)pheno l (UV-350)	36437-37-3	0.050
XIV	167	Nitrobenzene	98-95-3	0.050
XIV	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1; 21049-39-8; 4149-60-4	0.050
XV	169	Benzo[def]chrysene	50-32-8	0.050
XVI	170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	0.050
XVI	171	nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7; 335-76-2; 3830-45-3	0.050
XVI	172	4-heptylphenol, branched and linear (4-HPbl)	-	0.050
XVI	173	4-tert-pentylphenol (PTAP)	80-46-6	0.050
XVII	174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	-	0.050
XVIII	175	Dechlorane Plus (TM) and reaction products of1,3,4-thiadiazolidine-2,5-dithione	-	0.050
XVIII	176	benz[a]anthracene	56-55-3	0.050
XVIII	177	cadmium nitrate*	10325-94-7	0.005
XVIII	178	cadmium carbonate*	513-78-0	0.005
XVIII	179	cadmium hydroxide*	21041-95-2	0.005
XVIII	180	chrysene	218-01-9	0.050

Batch	No.	Substance Name	CAS No.	RL (%)
XVIII	181	formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	-	0.050
XIX	182	Terphenyl, hydrogenated	61788-32-7	0.050
XIX	183	Octamethylcyclotetrasiloxane D4	556-67-2	0.050
XIX	184	Lead*	7439-92-1	0.005
XIX	185	Ethylenediamine EDA	107-15-3	0.050
XIX	186	Dodecamethylcyclohexasiloxane D6	540-97-6	0.050
XIX	187	Disodium octaborate*	12008-41-2	0.005
XIX	188	Dicyclohexyl phthalate DCHP	84-61-7	0.050
XIX	189	Decamethylcyclopentasiloxane D5	541-02-6	0.050
XIX	190	Benzo[ghi]perylene	191-24-2	0.050
XIX	191	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride trimellitic anhydride; TMA	552-30-7	0.050
XX	192	2,2-bis(4'-hydroxyphenyl)- 4-methylpentane	6807-17-6	0.050
XX	193	Benzo[k]fluoranthene	207-08-9	0.050
XX	194	Fluoranthene	206-44-0	0.050
XX	195	Phenanthrene	85-01-8	0.050
XX	196	Pyrene	129-00-0	0.050
XX	197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	0.050
XXI	198	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	---	0.050
XXI	199	4-tert-butylphenol	98-54-4	0.050
XXI	200	2-methoxyethyl acetate	110-49-6	0.050
XXI	201	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	---	0.050
XXII	202	Perfluorobutane sulfonic acid (PFBS) and its salts	---	0.050
XXII	203	Diisohexyl phthalate	71850-09-4	0.050
XXII	204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	0.050
XXII	205	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	0.050
XXIII	206	1-vinylimidazole	1072-63-5	0.050
XXIII	207	2-methylimidazole	693-98-1	0.050
XXIII	208	Butyl 4-hydroxybenzoate	94-26-8	0.050
XXIII	209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	0.050
XXIV	210	Bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	0.050
XXIV	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

Batch	No.	Substance Name	CAS No.	RL (%)
XXV	212	1,4-dioxane	123-91-1	0.050
XXV	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
XXV	214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	---	0.050
XXV	215	4,4'-(1-methylpropylidene) bisphenol (bisphenol B)	77-40-7	0.050
XXV	216	Glutaral	111-30-8	0.050
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]	---	0.050
XXV	218	Orthoboric acid, sodium salt*	13840-56-7	0.005
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)	---	0.050
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)	---	0.050
XXVI	221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1	0.050
XXVI	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
XXVI	223	Tris(2-methoxyethoxy)vinylsilane	1067-53-4	0.050
XXVII	224	N-(hydroxymethyl)acrylamide	924-42-5	0.050
XXVIII	225	1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]	37853-59-1	0.050
XXVIII	226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	0.050
XXVIII	227	4,4'-sulphonyldiphenol	80-09-1	0.050
XXVIII	228	Barium diboron tetraoxide*	13701-59-2	0.005
XXVIII	229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	---	0.050
XXVIII	230	Isobutyl 4-hydroxybenzoate	4247-02-3	0.050
XXVIII	231	Melamine	108-78-1	0.050
XXVIII	232	Perfluoroheptanoic acid and its salts	---	0.050
XXVIII	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
XXIV	234	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	0.050
XXIV	235	Bis(4-chlorophenyl) sulphone	80-07-9	0.050
XXX	236	2,4,6-tri-tert-butylphenol	732-26-3	0.050

Batch	No.	Substance Name	CAS No.	RL (%)
XXX	237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV329)	3147-75-9	0.050
XXX	238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	0.050
XXX	239	Bumetrizole (UV326)	3896-11-5	0.050
XXX	240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	---	0.050
XXXI	241	Bis(α,α-dimethylbenzyl) peroxide	80-43-3	0.050
XXXII	242	Triphenyl phosphate	115-86-6	0.050
XXXIII	243	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	2156592-54-8	0.050
XXXIII	244	O,O,O-triphenyl phosphorothioate	597-82-0	0.050
XXXIII	245	Octamethyltrisiloxane	107-51-7	0.050
XXXIII	246	Perfluamine	338-83-0	0.050
XXXIII	247	Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8	0.050

5. Photo of Sample

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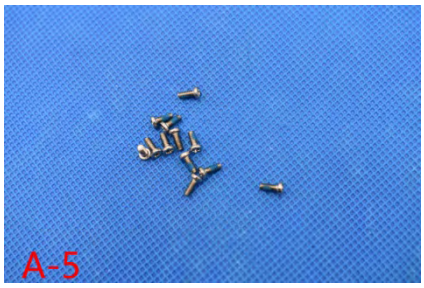
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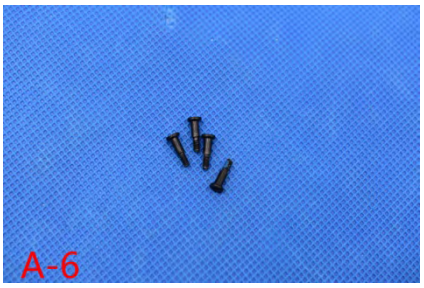
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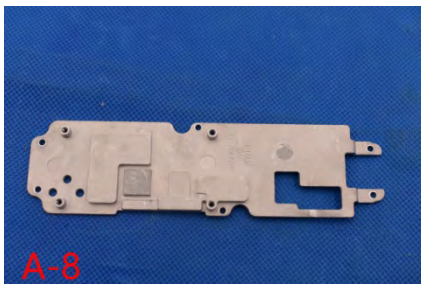
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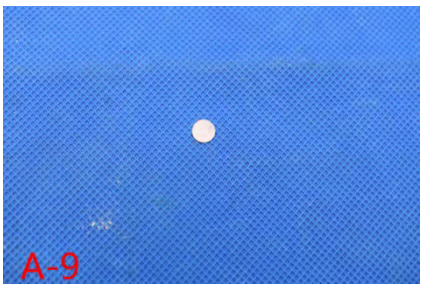
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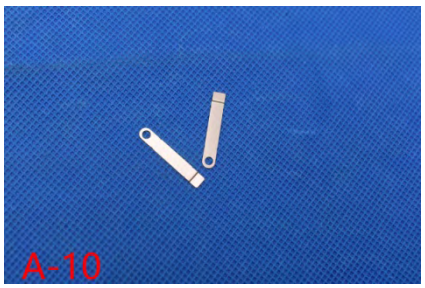
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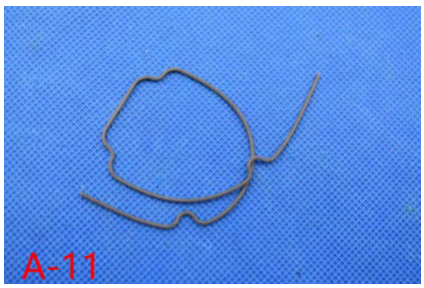
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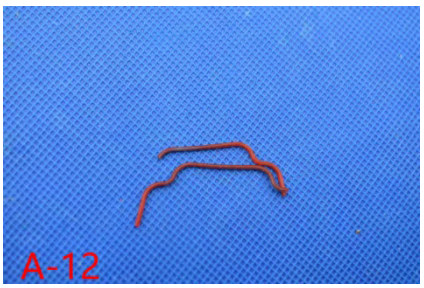
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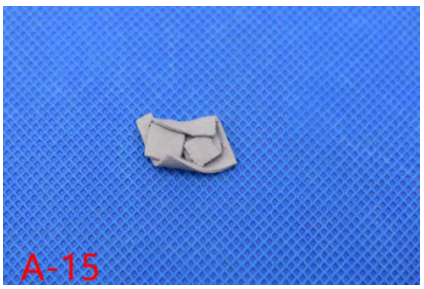
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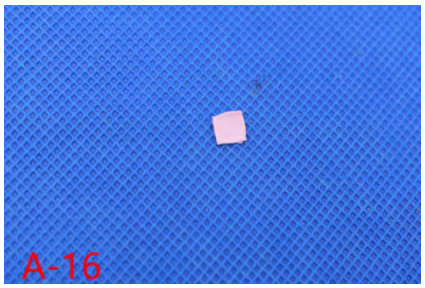
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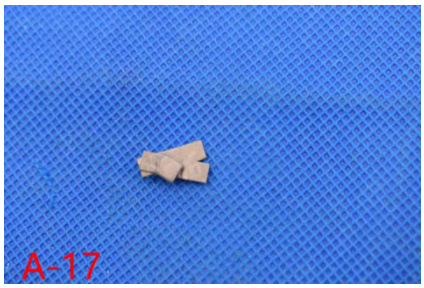
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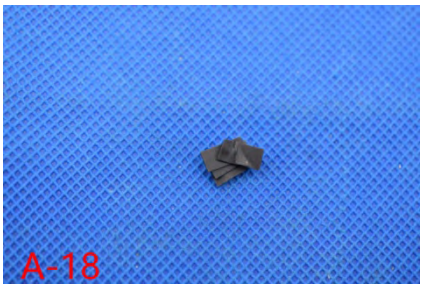
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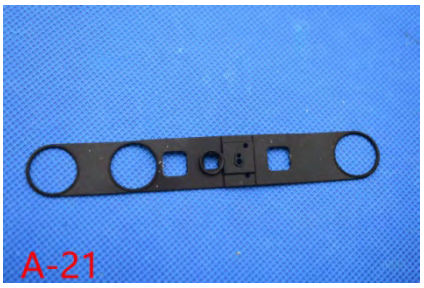
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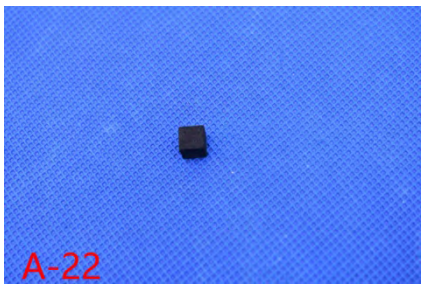
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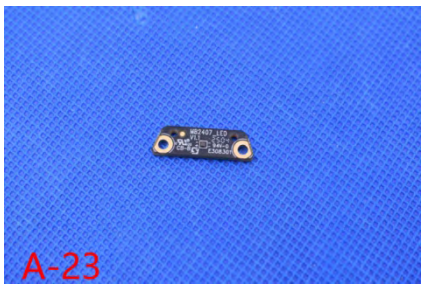
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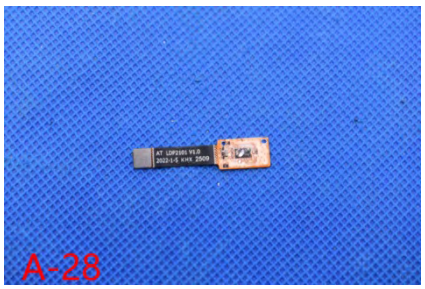
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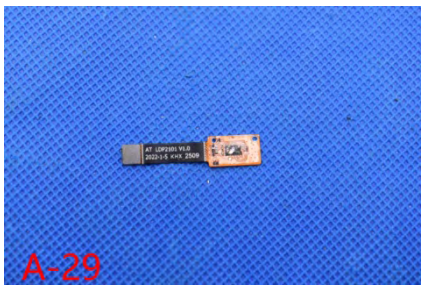
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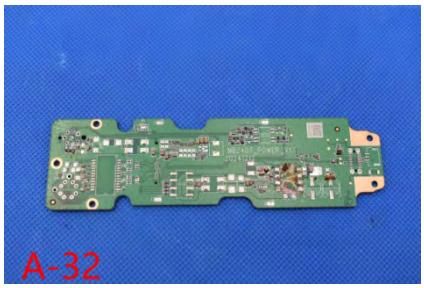
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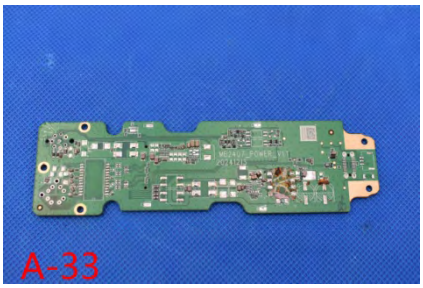
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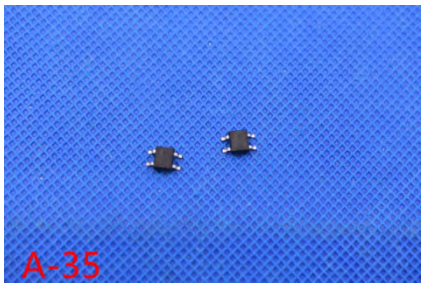
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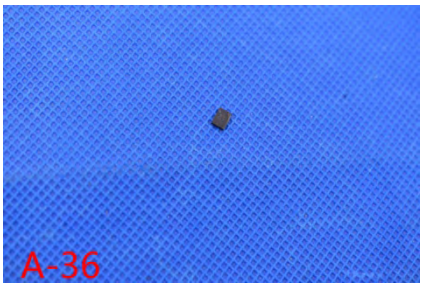
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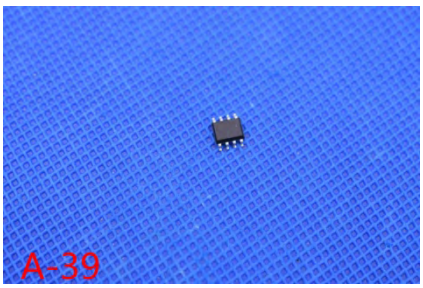
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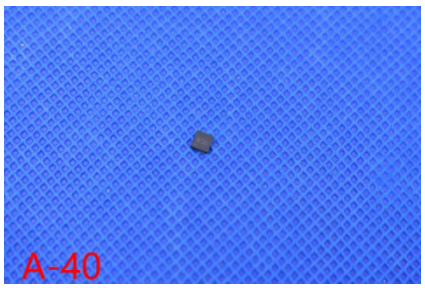
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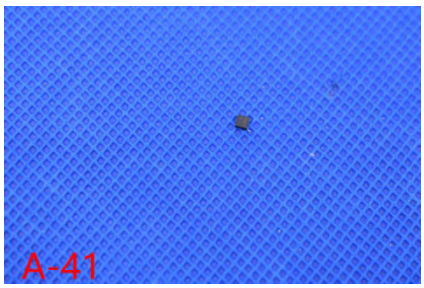
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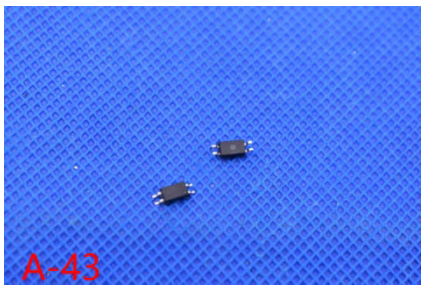
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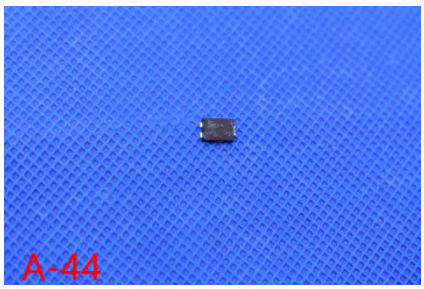
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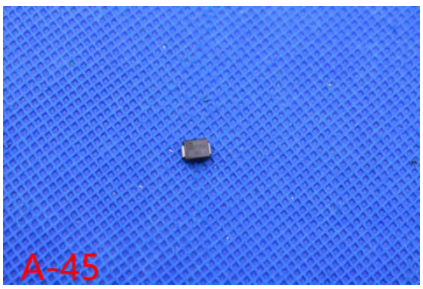
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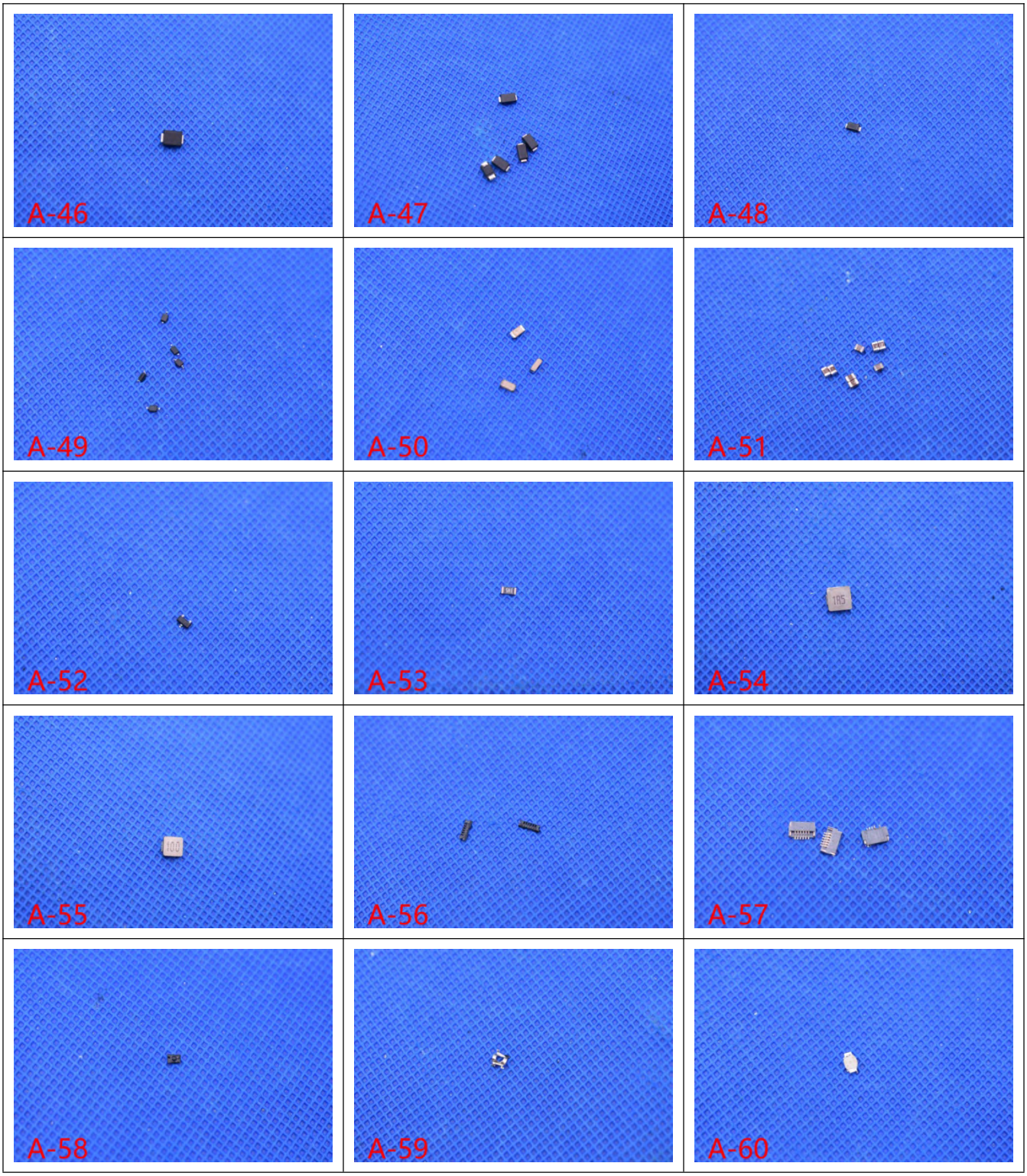
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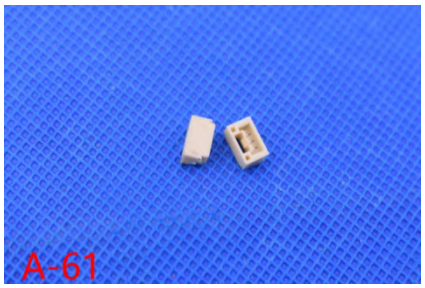
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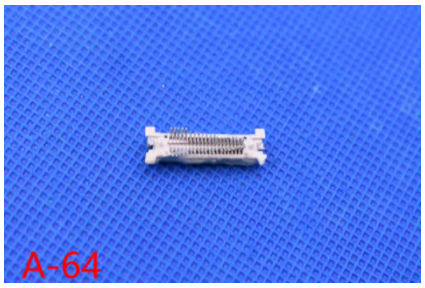
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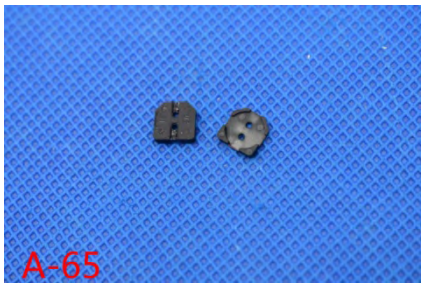
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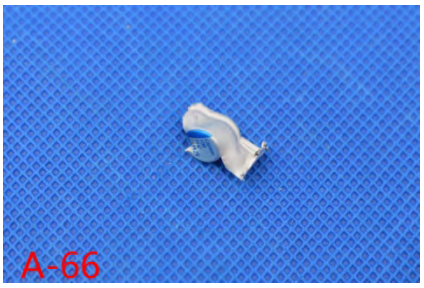
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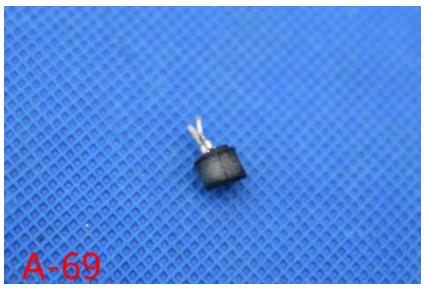
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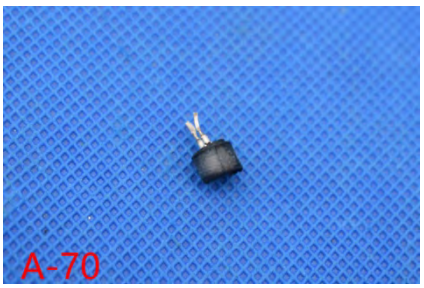
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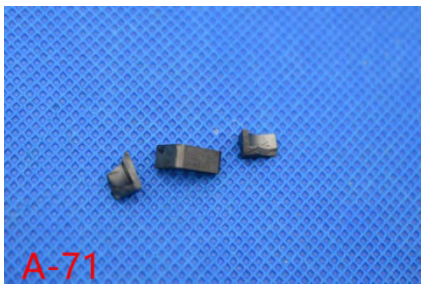
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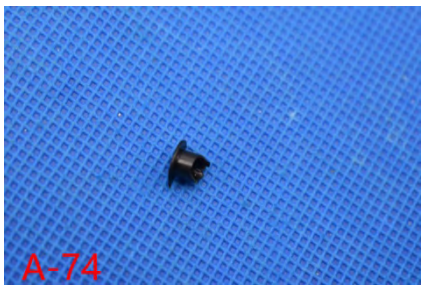
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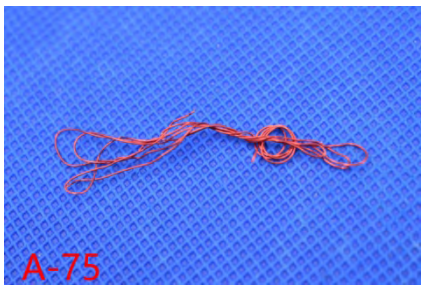
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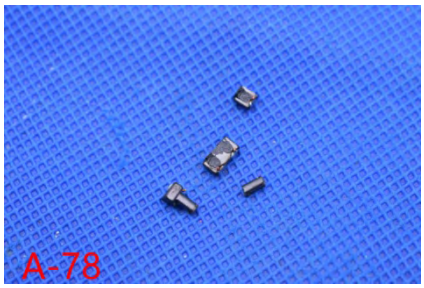
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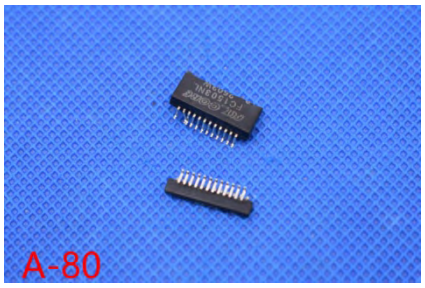
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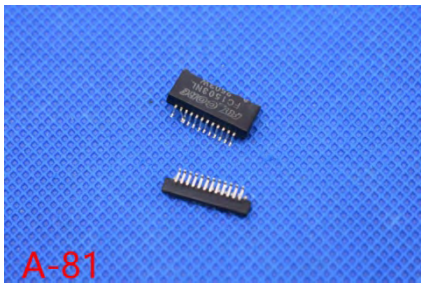
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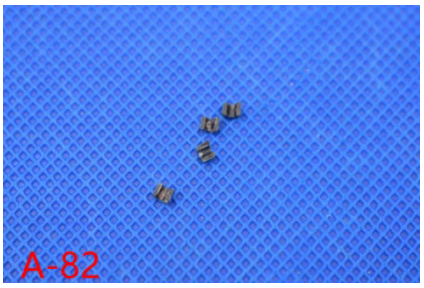
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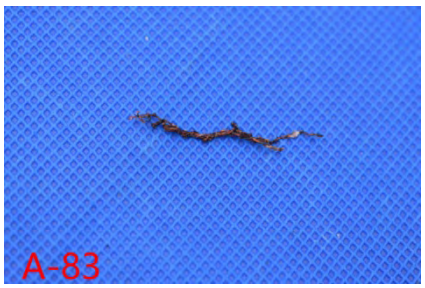
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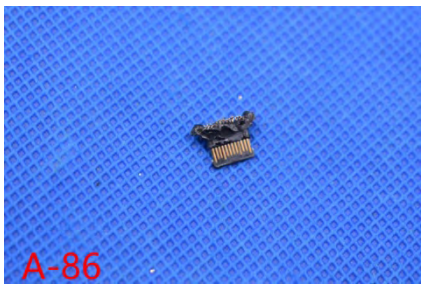
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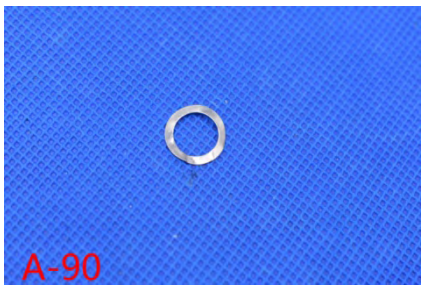
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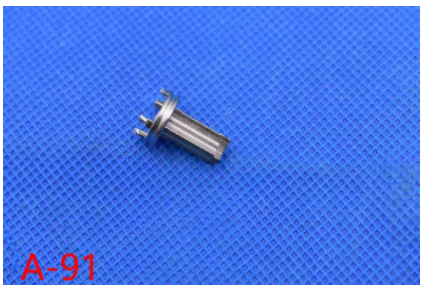
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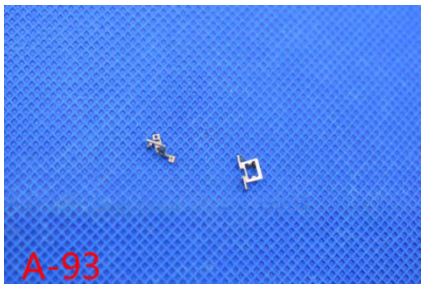
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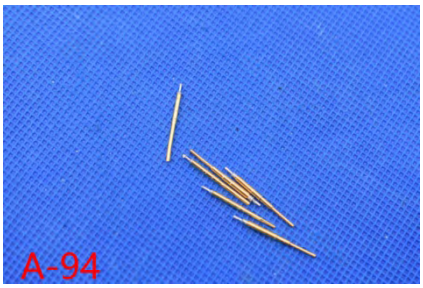
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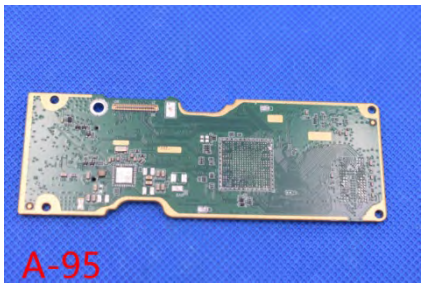
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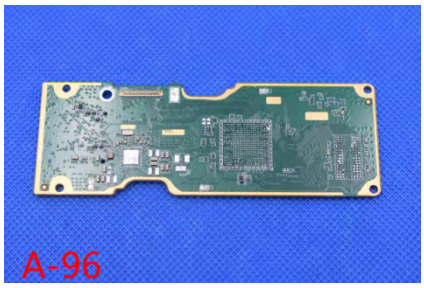
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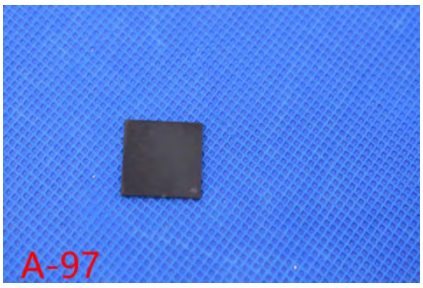
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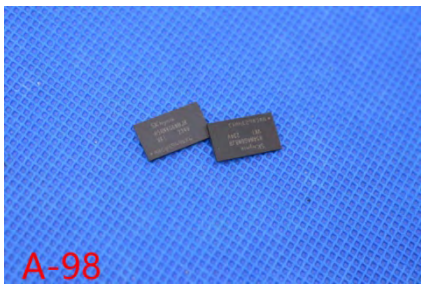
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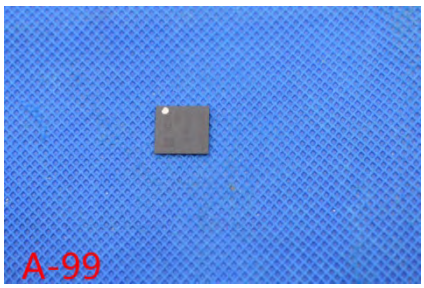
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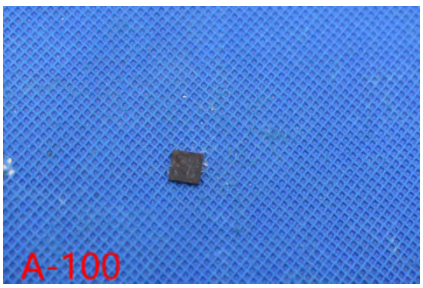
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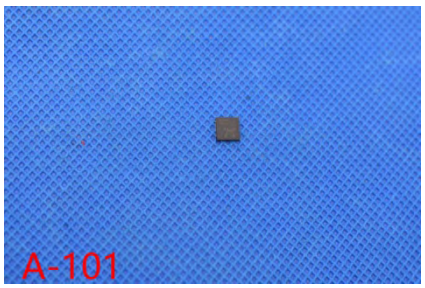
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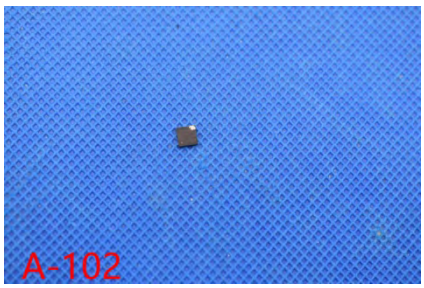
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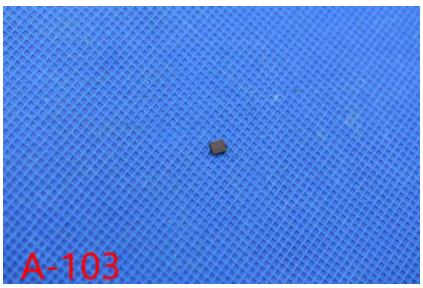
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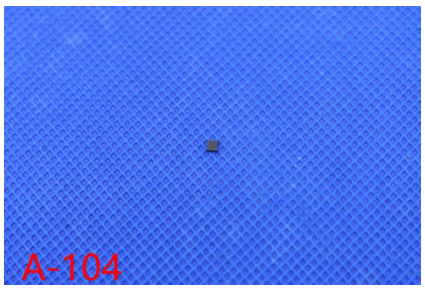
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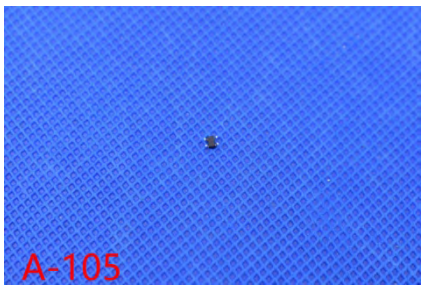
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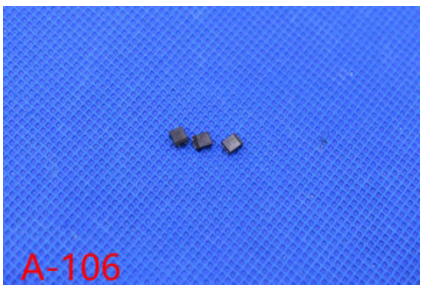
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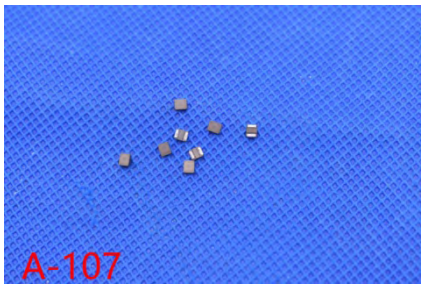
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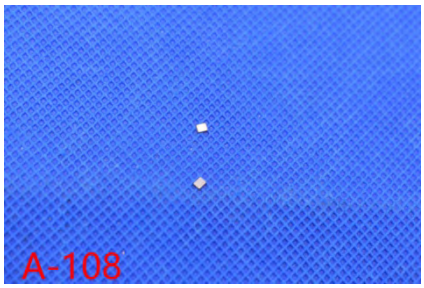
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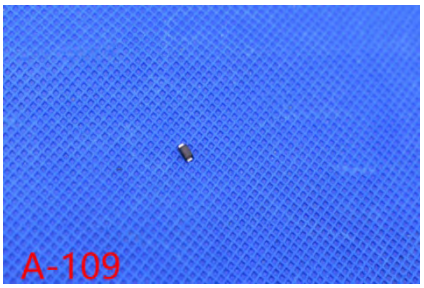
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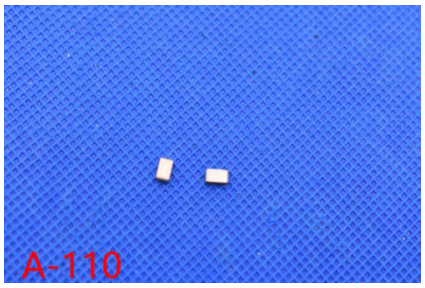
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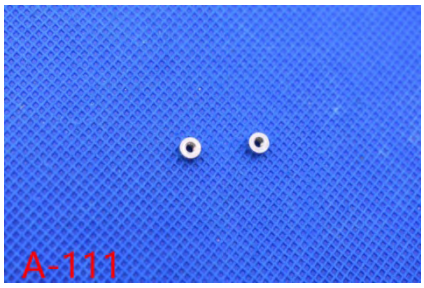
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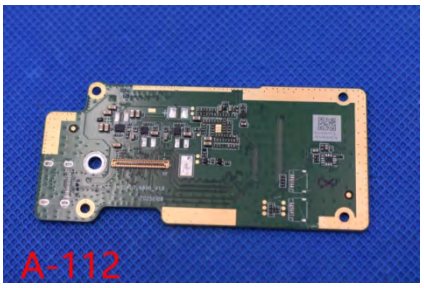
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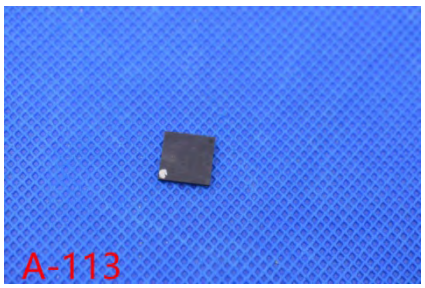
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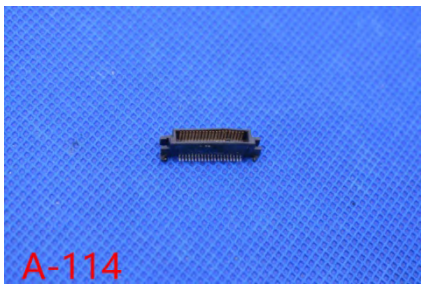
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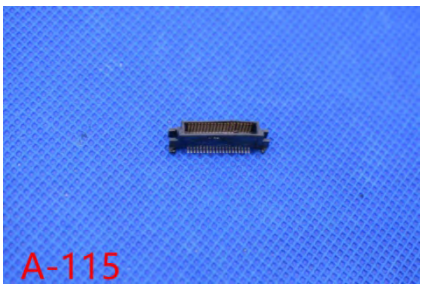
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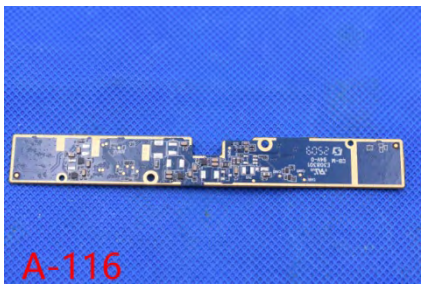
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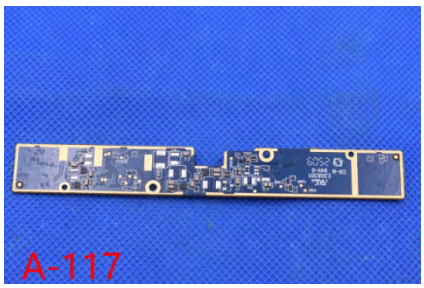
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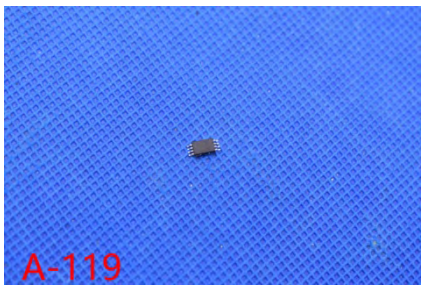
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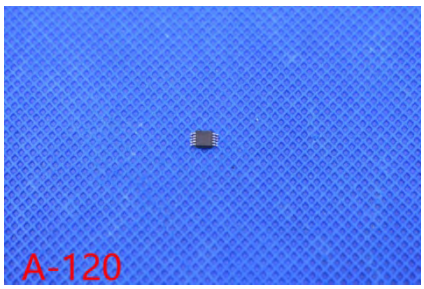
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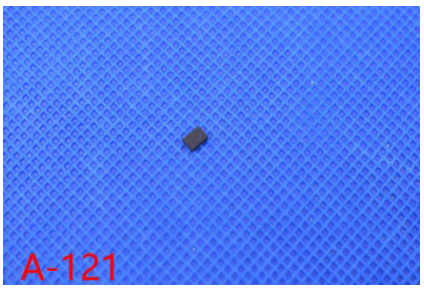
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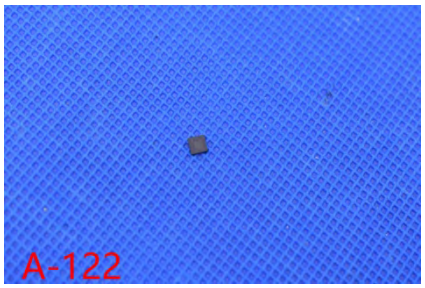
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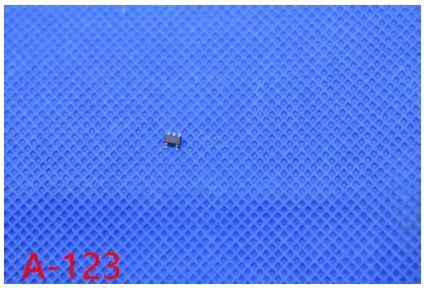
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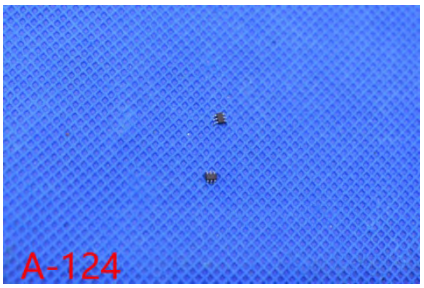
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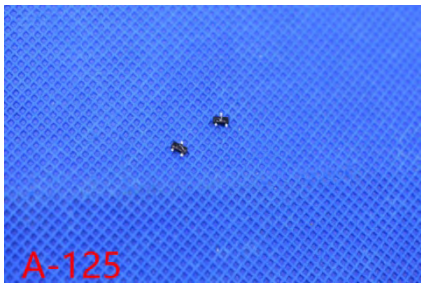
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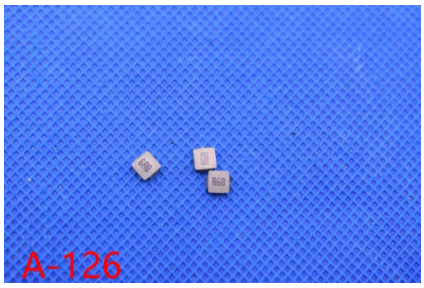
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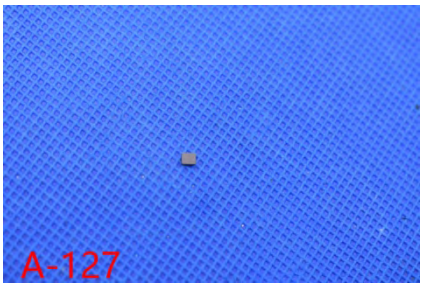
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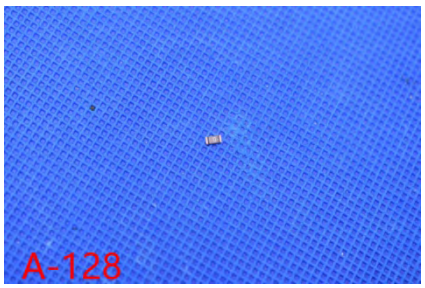
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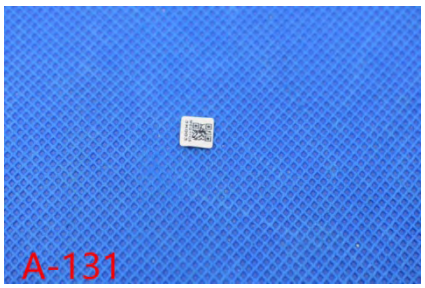
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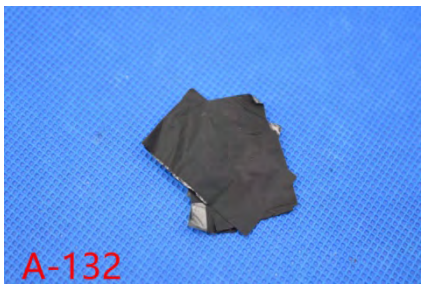
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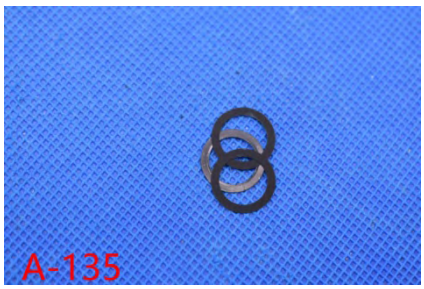
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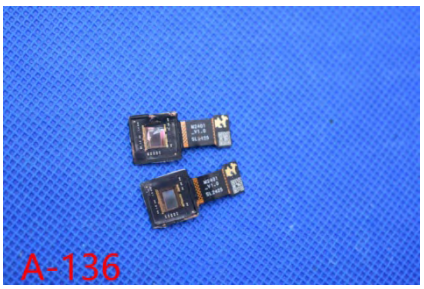
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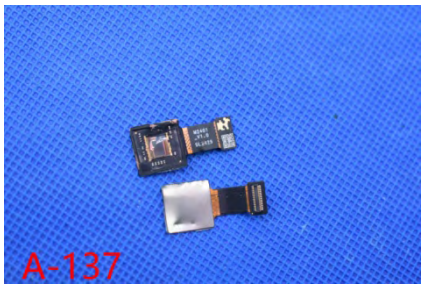
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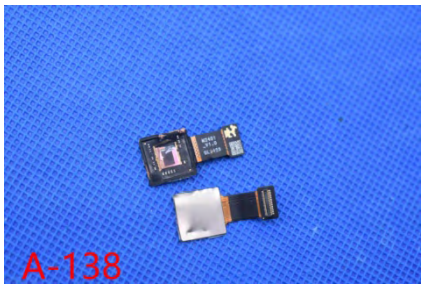
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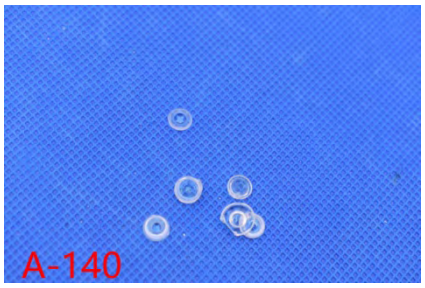
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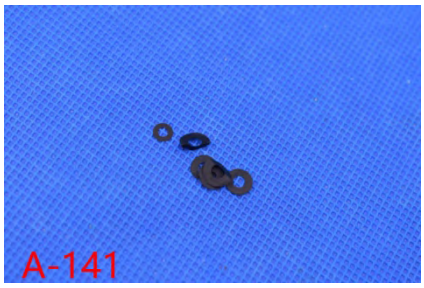
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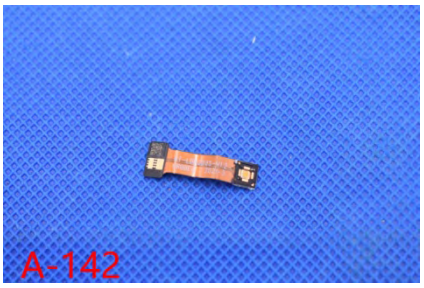
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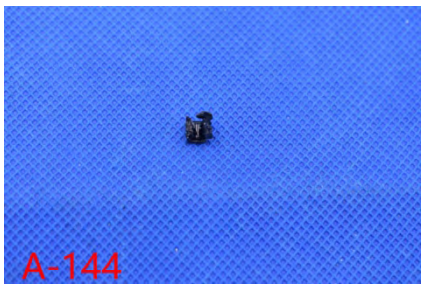
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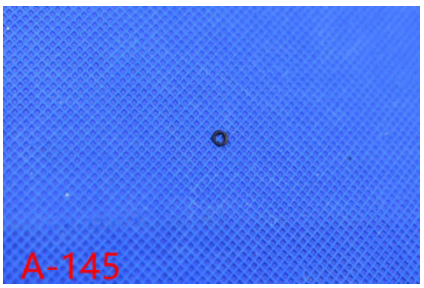
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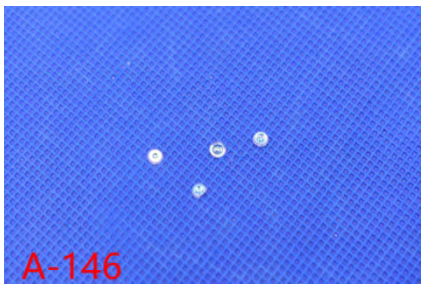
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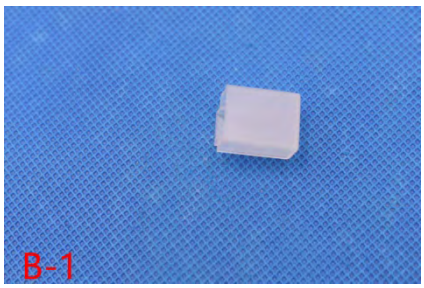
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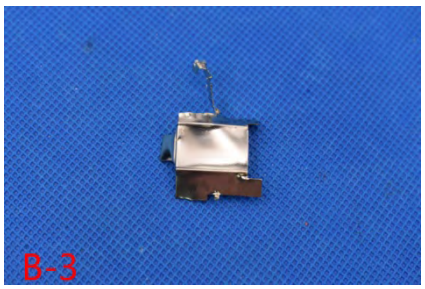
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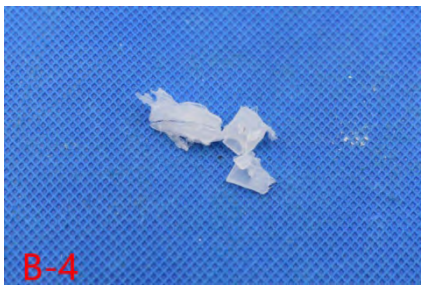
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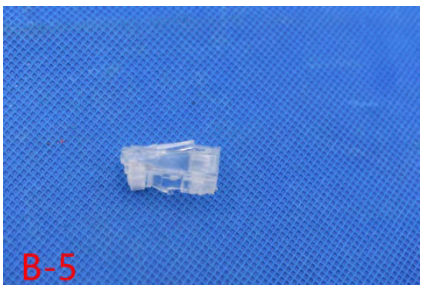
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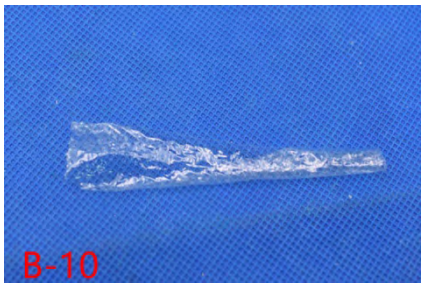
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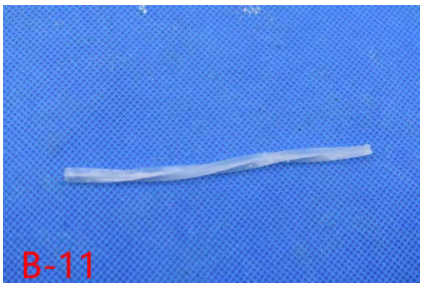
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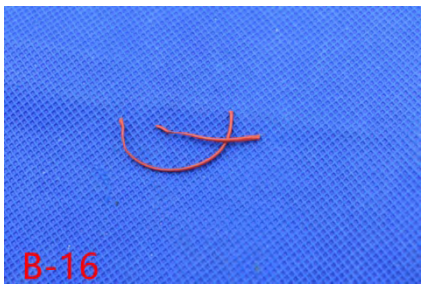
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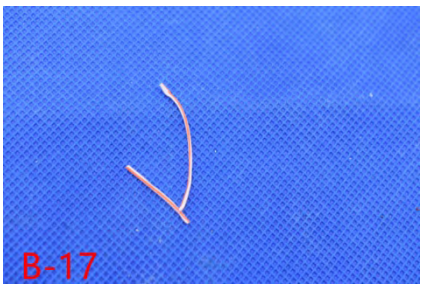
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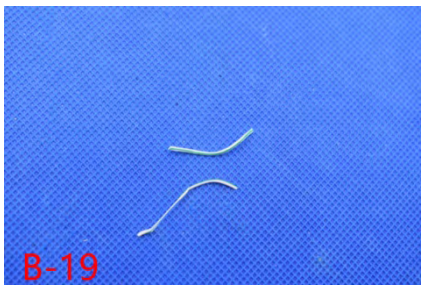
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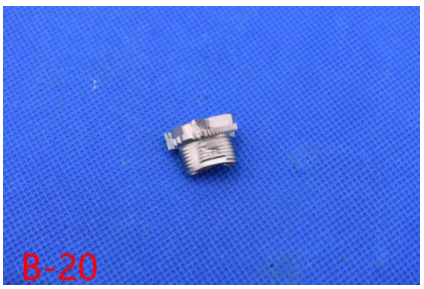
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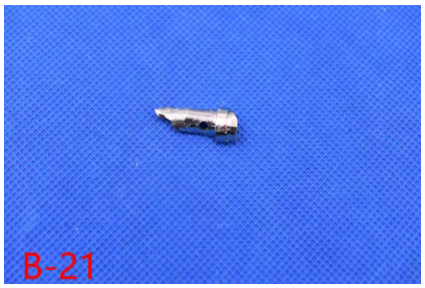
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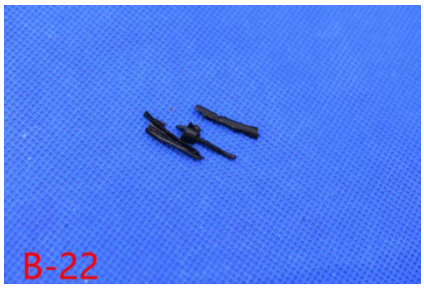
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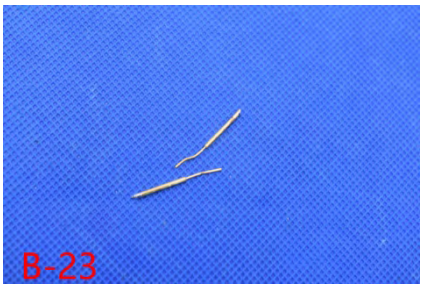
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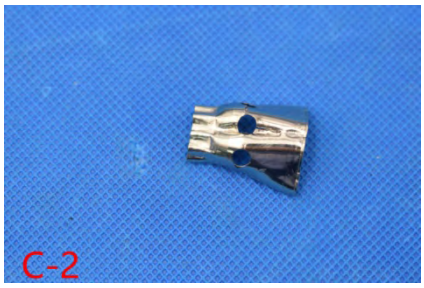
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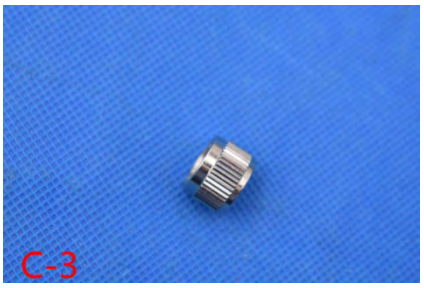
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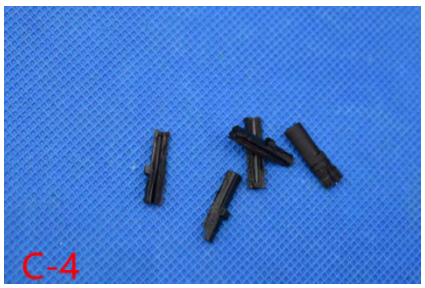
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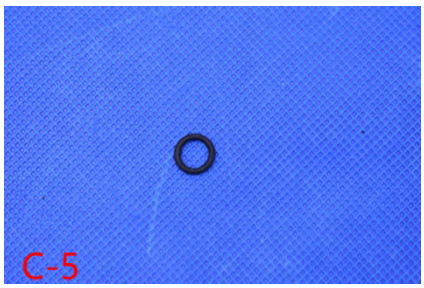
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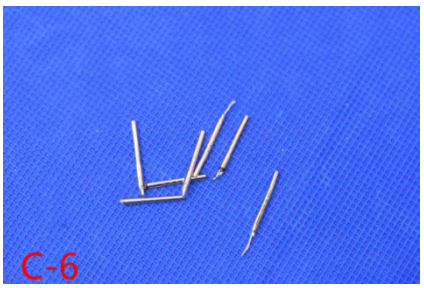
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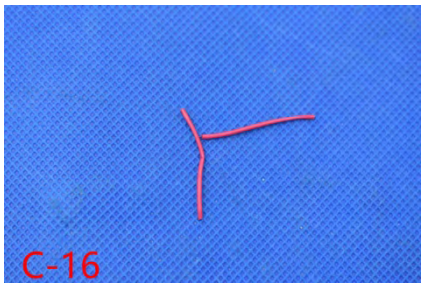
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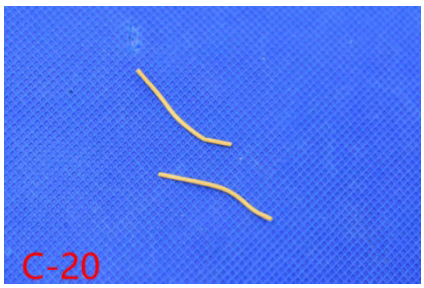
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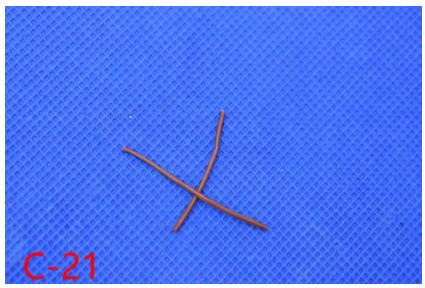
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Annex A General Information

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, Block 67, 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, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China

1.3 Change History

Change History		
Version	**Date**	**Reason for change**
1.0	2025-06-30	First edition

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