Test Report

Report No.:PTC25110419502C-EN01V02 **Issue Date:** Dec.23, 2025

Applicant: ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd

Address: No.6, FuhengDong Road Yongxing Ind.Zone, Henglan Town 528478, Zhongshan, Guangdong, People's Republic of China

The following merchandise was (were) submitted and identified by client as:

Sample Name: Electric insect killers

Test Sample Model: JW12LE

Other Sample Model: Please refer to next page(s)

Manufacturer: ZHONGSHAN PROTOSTAR optoelectronic Co.,Ltd

Address: No.6, FuhengDong Road Yongxing Ind.Zone, Henglan Town 528478, Zhongshan, Guangdong, People's Republic of China

Sample Received Date: Nov. 24, 2025

Completed Date: Dec. 04, 2025

Test Requested and Conclusion(s):

No.	Test Sample	Standard and Requirement	Conclusion(s)
1)	Submitted sample	As Specified by client, refer to EU regulation (EC) No.1907/2006 (REACH),To screen two hundred and fifty-one (251) Substances of Very High Concern (SVHC) in the submitted sample. The candidate list is the one that published by European Chemical Administration (ECHA) on November. 05, 2025.	PASS

List of substances and Test result(s): Please refer to next page(s).

PRECISE TESTING & CERTIFICATION (GUANGDONG) CO., LTD.

Prepared by: Li Sisi Checked by: Betty Approved by: Crystal

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Precise Testing & Certification (Guangdong) Co., Ltd. (PTC)
Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong, China
Tel: 86-0769-38808222 Fax: 86-0769-38826111 http:// www.ptc-testing.com

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Other Sample Model:

H01, H01A, H01B, H02, H02A, H02B , H03, H03A, H03B,MS08, MS09, MS10, V40S,TY01, CP03A, CP03B, TM17, B20P, CP30A ,AU-1X10L, AU-2X10L AU-1X15L , AU-1X20L,JX70-2X6L2, JX70-2X8L2, JX70-2X10L2, JX70-2X15L2, JX70-2X20L2, JX70-2X6W/50Hz , JX70-2X8W/50Hz, JX70-2X10W/50Hz, JX70-2X15W/50Hz, JX70-2X20W/50Hz, JX70-2X6W/60Hz, JX70-2X8W/60Hz, JX70-2X10W/60Hz, JX70-2X15W/60Hz, JX70-2X20W/60Hz,JX70-2X6W-50/60Hz,JX70-2X8W-50/60Hz,JX70-2X10W-50/60Hz, JX70-2X15W-50/60Hz,JX70-2X20W-50/60Hz,JX70A-2X6L2,JX70A-2X8L2,JX70A-2X10L2, JX70A-2X15L2,JX70A-2X20L2,JX70A-2X6W/50Hz,JX70A-2X8W/50Hz,JX70A-2X10W/50Hz, JX70A-2X15W/50Hz,JX70A-2X20W/50Hz,JX70A-2X6W/60Hz,JX70A-2X8W/60Hz,JX70A-2X10W/60Hz, JX70A-2X15W/60Hz,JX70A-2X20W/60Hz,JX70A-2X6W-50/60Hz,JX70A-2X8W-50/60Hz, JX70A-2X10W-50/60Hz,JX70A-2X15W-50/60Hz,JX70A-2X20W-50/60Hz,JS10-2X6W,JS10-2X8W, JS30-2X10W,JS10-2X15W,JS10-1X15W,JS10-2X6L2,JS10-2X8L2,JS30-2X10L2,JS10-2X15L2, JS10-1X15L2,JS10B-2X6W,JS10B-2X8W,JS30B-2X10W,JS10B-2X15W,JS10B-1X15W,JS10B-2X6L2, JS10B-2X8L2,JS30B-2X10L2,JS10B-2X15L2,JS10B-1X15L2,JS10A-1X15W,B20-2X15L5,FR03,CT01, CT02 ,CT01A,CT02A,CT03,CT04,V02A,V02B ,V10,V10A,ST1 ,ST2,V36A-1X15W,V36A-1X15L, V36B-2X15W,V36B-2X15L,V36B-2X8W,V36B-2X8L,V36K-2X8W,V36K-2X15W,V36K-2X8L,V36K-2X15L, JB10-2X15WC,JB10-2X15CL,JB10-4X15W,JB10-4X15L,V30X,V30XL2,X30EL,X30EL2,X30F,X30FL,X30H, X30HL,DK90-4X15L,DK90-4X7L,V20CL,V30E-2X15AL,V213L,V18L,V215A-3X15L5,V36H-2X15L5, V18H-2X8L2,V18M-2X8L2,V30H-2X15L2,JS30-7LA,JS30-7LB,JS30-7LF,JS30-7L,MA-7L,JS30-9L, MA-11L,JS30-9LC,JS30-9LP,JS30-13LA,JS30-13LB,JS30-18LB,JS30-18LC,JS30-18LA,JS30-13LG, JS30-13WG,JW12LE,JS30-15L,JS30-15LB,JS30-15LC,UP15L,JW12LG,JW9LD,JS30-13LE,JS30-18LP, BP40-1X40L ,UP20L,UP40L,V12L ,BP40-1X50W, BP50,BP40-50W,BP50-50W,Flowtron FLWBZ50 , FR01,EMDL90,MG201,JS30-20LA,JS30-20LB,JS30-20LC,WIXH012,MS04,MS05,MS06,MS07,V02, JS30-4L,JS30-4LA,JS30-TL,JS30-4LB,JS30-4W,JS30-4WA,JS30-7WA,JS30-13WA,JS30-6WA,JS30-18WA JS30-4WB,JS30-7WB, JS30-6WB,JS30-13WB,JS30-18WB,JS30-9WP,JS30-18WP,MA-7W,MA-11W,BP40 A-1X40L,JB20E-2X6L2,JB20E-2X8L2,JB20E-2X10L2,JB20E-2X15L2,JB20E-2X20L2,JB20B-2X6L2,JB20B-2X8L2,JB20B-2X10L2,JB20B-2X15L2,JB20B-2X20L2,JB20F-2X6L2,JB20F-2X8L2,JB20F-2X10L2, JB20F-2X15L2,JB20F-2X20L2,SK-2X6L2,SK-2X8L2,SK-2X10L2,SK-2X15L2,SK-2X20L2,SP100-3X20W, SP100-4X20W,PL7.5WLED,PL3.5WLED,PL3.9WLED,PL4WLED,PL5.5WLED,PL6WLED,PL10WLED, E27-10WLED,E27-6WLED,E27-3.5WLED,E27-8WLED,V12A

List of substances and Test result(s): Please refer to next page(s).

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Test result(s): (Substances in the Candidate List of SVHC)

Substance Name	CAS No.	Concentration(%)				MDL (%)	Limit
		Material No.1	Material No.2	Material No.3	Material No.4		
Triphenyl phosphate	115-86-6	N.D.	0.068	N.D.	N.D.	0.005	<0.1%
All the other tested SVHCs in candidate list	--	N.D.	N.D.	N.D.	N.D.	0.005	<0.1%

Appendix:

Test Method: With reference to In-House method(WI-C-2-067), analysis was perfomed by ICP-OES, UV-Vis, GC-MS, HPLC-MS and Colorimetric Method.

List of 251 SVHCs candidate substances

No.	Substance Name	CAS No.	Equipment(s)	MDL (%)
1	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	GC-MS	0.005
2	Anthracene	120-12-7	GC-MS	0.005
3	Benzyl butyl phthalate (BBP)	85-68-7	GC-MS	0.005
4	Bis[2-ethyl(hexyl)phthalate] (DEHP)	117-81-7	GC-MS	0.005
5	Bis(tributyltin)oxide (TBTO)	56-35-9	GC-MS	0.005
6	Cobalt dichloride△	7646-79-9	ICP-OES	0.005
7	Diarsenic pentaoxide△	1303-28-2	ICP-OES	0.005
8	Diarsenic trioxide△	1327-53-3	ICP-OES	0.005
9	Dibutyl phthalate (DBP)	84-74-2	GC-MS	0.005
10	4, 4′ - Diaminodiphenylmethane	101-77-9	GC-MS	0.005
11	5-tert-butyl-2,4,6-trinitro-m- xylene (Musk xylene)	81-15-2	GC-MS	0.005
12	Hexabromocyclododecane (HBCDD) and diastereoisomers （α-HBCDD, β-HBCDD, γ- HBCDD）	25637-99-4, 3194-55-6 (134237-50-6 , 134237-51-7, 134237-52-8)	GC-MS	0.005
13	Lead hydrogen arsenate△	7784-40-9	ICP-OES	0.005
14	Sodium dichromate△	10588-01-9, 7789-12-0	ICP-OES/ UV-Vis	0.005

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No.	Substance Name	CAS No.	Equipment(s)	MDL (%)
15	Triethyl arsenate△	15606-95-8	ICP-OES	0.005
16	Anthracene oil	90640-80-5	GC-MS	0.005
17	Anthracene oil, anthracene paste, distn. lights	91995-17-4	GC-MS	0.005
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	GC-MS	0.005
19	Anthracene oil, anthracene-low	90640-82-7	GC-MS	0.005
20	Anthracene oil, anthracene paste	90640-81-6	GC-MS	0.005
21	Coal tar pitch, high temperature	65996-93-2	GC-MS	0.005
22	Acrylamide	79-06-1	GC-MS	0.005
23	2,4-Dinitrotoluene	121-14-2	GC-MS	0.005
24	Diisobutyl phthalate(DIBP)	84-69-5	GC-MS	0.005
25	Lead chromate△	7758-97-6	ICP-OES/ UV-Vis	0.005
26	Lead chromate molybdate Sulphate red (C.I. Pigment Red 104) △	12656-85-8	ICP-OES/ UV-Vis	0.005
27	Lead sulfochromate yellow (C.I. Pigment Yellow 34) △	1344-37-2	ICP-OES/ UV-Vis	0.005
28	Tris(2-chloroethyl) phosphate	115-96-8	GC-MS	0.005
29	Trichloroethylene	79-01-6	GC-MS	0.005
30	Boric acid△	10043-35-3/ 11113-50-1	ICP-OES	0.005
31	Disodium tetraborate, anhydrous△	1330-43-4 12179-04-3 1303-96-4	ICP-OES	0.005
32	Tetraboron disodium heptaoxide, hydrate△	12267-73-1	ICP-OES	0.005
33	Sodium chromate△	7775-11-3	ICP-OES/ UV-Vis	0.005
34	Potassium chromate△	7789-00-6	ICP-OES/ UV-Vis	0.005
35	Ammonium dichromate△	7789-09-5	ICP-OES/ UV-Vis	0.005
36	Potassium dichromate△	7778-50-9	ICP-OES/ UV-Vis	0.005
37	Cobalt(Ⅱ) sulphate△	10124-43-3	ICP-OES	0.005
38	Cobalt(Ⅱ) dinitrate△	10141-05-6	ICP-OES	0.005
39	Cobalt(Ⅱ) carbonate△	513-79-1	ICP-OES	0.005

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No.	Substance Name	CAS No.	Equipment(s)	MDL (%)
40	Cobalt(Ⅱ) diacetate△	71-48-7	ICP-OES	0.005
41	2-Methoxyethanol	109-86-4	GC-MS	0.005
42	2-Ethoxyethanol	110-80-5	GC-MS	0.005
43	Chromium trioxide△	1333-82-0	ICP-OES/ UV-Vis	0.005
44	Acids generated from chromium trioxide and their oligomers: Chromium acid△ Dichromium acid△ Oligomers of chromic acid and dichromic acid△	-- 7738-94-5 13530-68-2 --	ICP-OES/ UV-Vis	0.005
45	2-ethoxyethylacetate	111-15-9	GC-MS	0.005
46	1,2-Benzenedicarboxylic acid, di-C7-11 branchedand linear alkyl esters (DHNUP)	68515-42-4	GC-MS	0.005
47	Hydrazine	7803-57-8, 302-01-2	UV-Vis	0.005
48	1-methyl-2-pyrrolidone	872-50-4	GC-MS	0.005
49	1,2,3-trichloropropane	96-18-4	GC-MS	0.005
50	1, 2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	GC-MS	0.005
51	Strontium chromate△	7789-06-2	ICP-OES/ UV-Vis	0.005
52	Dichromium tris(chromate)△	24613-89-6	ICP-OES / UV-Vis	0.005
53	Potassium hydroxyoctaoxodizincatedi-chromate△	11103-86-9	ICP-OES	0.005
54	Pentazinc chromate octahydroxide△	49663-84-5	ICP-OES/ UV-Vis	0.005
55	Aluminiosilicate, Refractory Ceramic Fibres (RCF)△	--	ICP-OES	0.005
56	Zirconia Aluminosilicate, Refractory Ceramic Fibres (Zr-RCF)△	--	ICP-OES	0.005
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	GC-MS	0.005
58	Bis(2-methoxyethyl) phthalate	117-82-8	GC-MS	0.005
59	2-Methoxyaniline; o-Anisidine	90-04-0	GC-MS	0.005
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	GC-MS	0.005
61	1,2-Dichloroethane	107-06-2	GC-MS	0.005
62	Bis(2-methoxyethyl) ether	111-96-6	GC-MS	0.005

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No.	Substance Name	CAS No.	Equipment(s)	MDL (%)
63	Arsenic acid△	7778-39-4	ICP-OES	0.005
64	Calcium arsenate△	7778-44-1	ICP-OES	0.005
65	Trilead diarsenate△	3687-31-8	ICP-OES	0.005
66	N,N-dimethylacetamide (DMAC)	127-19-5	GC-MS	0.005
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	GC-MS	0.005
68	Phenolphthalein	77-09-8	GC-MS	0.005
69	Lead azide Lead diazide△	13424-46-9	ICP-OES	0.005
70	Lead styphnate△	15245-44-0	ICP-OES	0.005
71	Lead dipicrate△	6477-64-1	ICP-OES	0.005
72	Methoxyethoxy ethane (TEGDME; triglyme)	112-49-2	GC-MS	0.005
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether(EGDME)	110-71-4	GC-MS	0.005
74	Diboron trioxide△	1303-86-2	ICP-OES	0.005
75	Formamide	75-12-7	GC-MS	0.005
76	Lead(II) bis(methanesulfonate)△	17570-76-2	ICP-OES	0.005
77	1,3,5-tris (oxiranylmethyl) -1,3,5 -triazine-2,4,6 (1H,3H,5H)-trione (TGIC)	2451-62-9	GC-MS	0.005
78	1,3,5-tris [(2Sand2R)-2,3 -epoxypropyl] -1,3,5-triazine-2,4,6- (1H,3H,5H)-trione (β-TGIC)	59653-74-6	GC-MS	0.005
79	4,4'-bis (dimethylamino) benzophenone (Michler's ketone)	90-94-8	GC-MS	0.005
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	GC-MS	0.005
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	HPLC-MS	0.005
82	[4-[4,4'-bis(dimethylamino) benzhydrylidene] cyclohexa -2,5- dien-1-ylidene] dimethylammonium chloride(C.I. Basic Violet 3)	548-62-9	HPLC-MS	0.005
83	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	GC-MS	0.005
84	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino) naphthalene-1 -methanol (C.I. Solvent Blue 4)	6786-83-0	HPLC-MS	0.005
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	GC-MS	0.005
86	Pentacosafluorotridecanoic acid	72629-94-8	HPLC-MS	0.005

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87	Tricosafluorododecanoic acid	307-55-1	HPLC-MS	0.005
88	Henicosafluoroundecanoic acid	2058-94-8	HPLC-MS	0.005
89	Heptacosafluorotetradecanoic acid	376-06-7	HPLC-MS	0.005
90	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	GC-MS	0.005
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	GC-MS	0.005
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	GC-MS	0.005
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]	--	GC-MS	0.005
94	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well- defined substances and UVCB substances, polymers and homologues]	--	GC-MS	0.005
95	Methoxyacetic acid	625-45-6	GC-MS	0.005
96	N,N-dimethylformamide	68-12-2	GC-MS	0.005
97	Dibutyltin dichloride (DBTC)	683-18-1	GC-MS	0.005
98	Lead monoxide (Lead oxide)△	1317-36-8	ICP-OES	0.005
99	Orange lead (Lead tetroxide)△	1314-41-6	ICP-OES	0.005
100	Lead bis(tetrafluoroborate)△	13814-96-5	ICP-OES	0.005
101	Trilead bis(carbonate) dihydroxide△	1319-46-6	ICP-OES	0.005
102	Lead titanium trioxide△	12060-00-3	ICP-OES	0.005
103	Lead titanium zirconium oxide△	12626-81-2	ICP-OES	0.005
104	Silicic acid, lead salt△	11120-22-2	ICP-OES	0.005
105	Silicic acid (H2Si2O5), barium salt (1:1), lead-doped [with	68784-75-8	ICP-OES	0.005

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

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No.	Substance Name	CAS No.	Equipment(s)	MDL (%)
134	6-methoxy-m-toluidine (p-cresidine)	120-71-8	GC-MS	0.005
135	Biphenyl-4-ylamine	92-67-1	GC-MS	0.005
136	o-aminoazotoluene [(4-o-tolylazo-o-toluidine])	97-56-3	GC-MS	0.005
137	o-toluidine	95-53-4	GC-MS	0.005
138	N-methylacetamide	79-16-3	GC-MS	0.005
139	Cadmium	7440-43-9	ICP-OES	0.005
140	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	HPLC-MS	0.005
141	Pentadecafluorooctanoic acid (PFOA)	335-67-1	HPLC-MS	0.005
142	Dipentyl phthalate (DPP)	131-18-0	GC-MS	0.005
143	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]	--	GC-MS	0.005
144	Cadmium oxide △	1306-19-0	ICP-OES	0.005
145	Cadmium sulphide △	1306-23-6	ICP-OES	0.005
146	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	HPLC-MS	0.005
147	Dihexyl phthalate	84-75-3	GC-MS	0.005
148	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	GC-MS	0.005
149	Trixylyl phosphate	25155-23-1	GC-MS	0.005
150	Disodium 3,3'-[[1,1'-biphenyl] -4,4'-diylbis(azo)] bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red28)	573-58-0	HPLC-MS	0.005
151	Lead di(acetate) △	301-04-2	ICP-OES	0.005
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	GC-MS	0.005
153	Cadmium chloride △	10108-64-2	ICP-OES	0.005
154	Sodium perborate △; perboric acid, sodium salt △	--	ICP-OES	0.005
155	Sodium peroxometaborate △	7632-04-4	ICP-OES	0.005
156	Cadmium fluoride△	7790-79-6	ICP-OES	0.005
157	Cadmium sulphate△	10124-36-4; 31119-53-6	ICP-OES	0.005

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No.	Substance Name	CAS No.	Equipment(s)	MDL (%)
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	GC-MS	0.005
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	GC-MS	0.005
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	GC-MS	0.005
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)	--	GC-MS	0.005
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	GC-MS	0.005
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]	--	HPLC-MS	0.005
164	1,3-propanesultone	1120-71-4	GC-MS	0.005
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	GC-MS	0.005
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	GC-MS	0.005
167	Nitrobenzene	98-95-3	GC-MS	0.005
168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	HPLC-MS	0.005
169	Benzo[d,e,f]chrysene	50-32-8	GC-MS	0.005
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	HPLC-MS	0.005
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2	HPLC-MS	0.005
172	4-heptylphenol, branched and linear (4-HPbl)	--	GC-MS	0.005
173	4-tert-pentylphenol (PTAP)	80-46-6	GC-MS	0.005
174	Perfluorohexane-1-sulphonic acid and its salts	206-587-1 355-46-4	GC-MS	0.005
175	Dechlorane plus (including any of its individual anti- and	13560-89-9	HPLC-MS	0.005

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No.	Substance Name	CAS No.	Equipment(s)	MDL (%)
	syn-isomers or any combination thereof)	135821-74-8 135821-03-3		
176	Benz[a]anthracene	56-55-3	GC-MS	0.005
177	Cadmium nitrate	10325-94-7	ICP-OES	0.005
178	Cadmium carbonate	513-78-0	ICP-OES	0.005
179	Cadmium hydroxide	21041-95-2	ICP-OES	0.005
180	Chrysene	218-01-9	GC-MS	0.005
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]	--	GC-MS	0.005
182	Octamethylcyclotetrasiloxane (D4)	556-67-2	GC-MS	0.005
183	Decamethylcyclopentasiloxane (D5)	541-02-6	GC-MS	0.005
184	DODECAMETHYLCYCLOHEXASILOXANE (D6)	540-97-6	GC-MS	0.005
185	Lead	7439-92-1	ICP-OES	0.005
186	DISODIUM OCTABORATE TETRAHYDRATE	12008-41-2	ICP-OES	0.005
187	1,12-BENZOPERYLENE	191-24-2	GC-MS	0.005
188	Terphenyl, hydrogenated	61788-32-7	GC-MS	0.005
189	Ethylenediamine	107-15-3	GC-MS	0.005
190	Trimellitic Anhydride	552-30-7	HPLC-MS	0.005
191	Dicyclohexyl phthalate	84-61-7	GC-MS	0.005
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2,2,1]heptan-2-one	15087-24-8	HPLC-MS	0.005
193	2,2-bis(4’-hydroxyphenyl)-4-methylpentane	6807-17-6	HPLC-MS	0.005
194	Benzo (k) fluoranthene	207-08-9	GC-MS	0.005
195	Fluoranthene	206-44-0; 93951-69-0	GC-MS	0.005
196	Phenanthrene	85-01-8	GC-MS	0.005
197	Pyrene	129-00-0; 1718-52-1	GC-MS	0.005
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	--	GC-MS	0.005
199	2-methoxyethyl acetate	110-49-6	GC-MS	0.005
200	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP)	--	GC-MS	0.005

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No.	Substance Name	CAS No.	Equipment(s)	MDL (%)
201	4-tert-butylphenol	98-54-4	GC-MS	0.005
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	GC-MS	0.005
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	GC-MS	0.005
204	Diisohexyl phthalate	71850-09-4	GC-MS	0.005
205	Perfluorobutane sulfonic acid (PFBS) and its salts	--	HPLC-MS	0.005
206	1-Vinylimidazole	1072-63-5	HPLC-MS	0.005
207	2-methylimidazole	693-98-1	HPLC-MS	0.005
208	Butyl 4-hydroxybenzoate	94-26-8	GC-MS	0.005
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	GC-MS	0.005
210	Bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	GC-MS	0.005
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	--	GC-MS	0.005
212	1,4-dioxane	123-91-1	GC-MS	0.005
213	2,2-bis(bromomethyl)propane1,3-diol (BMP) 2,2-dimethylpropan-1-ol, tribromo fderivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA) 2,3-dibromo-1-propanol (2,3-DBPA)	1522-92-5, 3296-90-0, 36483-57-5, 96-13-9	GC-MS	0.005
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	--	HPLC-MS	0.005
215	4,4'-(1-methylpropylidene)bisphenol; (bisphenol B; BPB)	77-40-7	HPLC-MS	0.005
216	Glutaral	111-30-8	GC-MS	0.005
217	Medium-chain chlorinated paraffins (MCCP)	--	GC-MS	0.005
218	Orthoboric acid, sodium salt	13840-56-7	ICP-OES	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)	--	HPLC-MS	0.005
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)	--	GC-MS	0.005
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1	GC-MS	0.005

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No.	Substance Name	CAS No.	Equipment(s)	MDL (%)
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	GC-MS	0.005
223	Tris(2-methoxyethoxy)vinylsilane	1067-53-4	GC-MS	0.005
224	N-(hydroxymethyl)acrylamide	924-42-5	GC-MS	0.005
225	1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]	37853-59-1	GC-MS	0.005
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	GC-MS	0.005
227	4,4'-sulphonyldiphenol(BPS)	80-09-1	HPLC-MS	0.005
228	Barium diboron tetraoxide	13701-59-2	HPLC-MS	0.005
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	--	HPLC-MS	0.005
230	Isobutyl 4-hydroxybenzoate	4247-02-3	GC-MS	0.005
231	Melamine	108-78-1	HPLC-MS	0.005
232	Perfluoroheptanoic acid and its salts	--	HPLC-MS	0.005
233	reaction mass of2,2,3,3,5,5,6,6-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	--	HPLC-MS	0.005
234	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	HPLC-MS	0.005
235	Bis(4-chlorophenyl) sulphone	80-07-9	GC-MS	0.005
236	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	--	GC-MS	0.005
237	Bumetrizole(UV-326)	3896-11-5	HPLC-MS	0.005
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	HPLC-MS	0.005
239	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	3147-75-9	HPLC-MS	0.005
240	2,4,6-tri-tert-butylphenol	732-26-3	GC-MS	0.005
241	Bis(α,α-dimethylbenzyl)peroxide	80-43-3	GC-MS	0.005
242	Triphenyl phosphate	115-86-6	GC-MS	0.005
243	Reaction mass of: triphenylthiophosphate and tertiary butylatedphenyl derivatives	192268-65-8	GC-MS	0.005
244	6-[(C10-C13)-alkyl-(branched,unsaturated)-2,5-dioxopyrrolidin-1-yl] hexanoic acid	2156592-54-8	GC-MS	0.005
245	O,O,O-triphenyl phosphorothioate	597-82-0	GC-MS	0.005
246	Perfluamine	338-83-0	GC-MS	0.005

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No.	Substance Name	CAS No.	Equipment(s)	MDL (%)
247	Octamethyltrisiloxane	107-51-7	GC-MS	0.005
248	Reactive Brown 51	--	GC-MS	0.005
249	Decamethyltetrasiloxane	141-62-8	GC-MS	0.005
250	1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane	17928-28-8	GC-MS	0.005
251	1,1-(ethane-1,2-diyl)bis[pentabromobenzene](DBDPE)	84852-53-9	GC-MS	0.005

Note:

1. "△" = Determination was based on elemental analysis. The concentration was calculated based on assumption of worst-case.
2. N.D. = Not Detected (< MDL), MDL = Method Detection Limit.

Remarks:

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

2. Article 33 of Regulation (EC) No. 1907/2006 requires supplier of an article containing a substance meets the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration higher than 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.

Test Material List

The following materials apply only to the samples submitted for chemical testing.

Material No.	Description	Location
1	Metal	Electric insect killers
2	Nonmetal	Electric insect killers
3	PCB board	Electric insect killers
4	Glass and ceramics	Electric insect killers

Remark: 1.This report supersedes all previous documents bearing the test report number PTC25110419502C-EN01. Report number PTC25110419502C-EN01 was invalid.

2.This report supersedes all previous documents bearing the test report number PTC25110419502C-EN01V01. Report number PTC25110419502C-EN01V01 was invalid.

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Photo(s) of Sample:



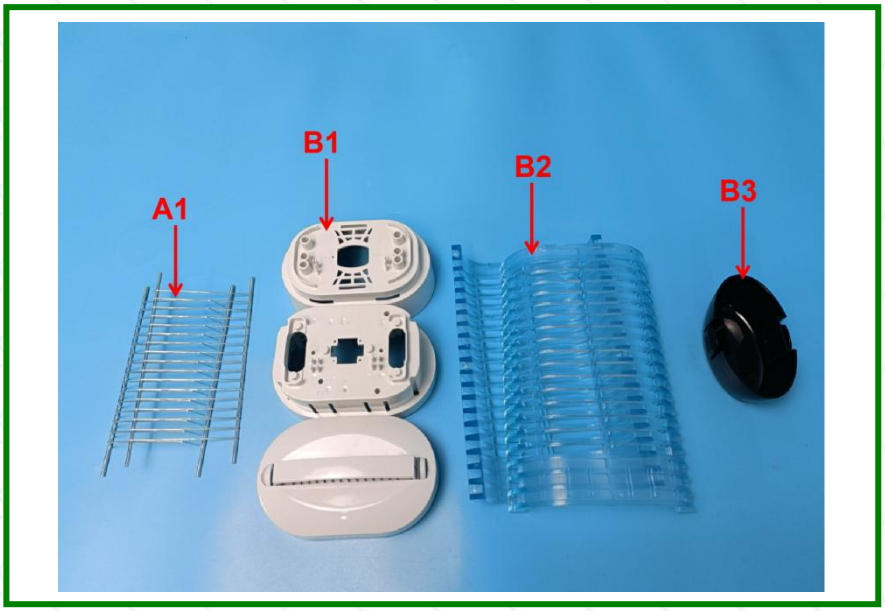


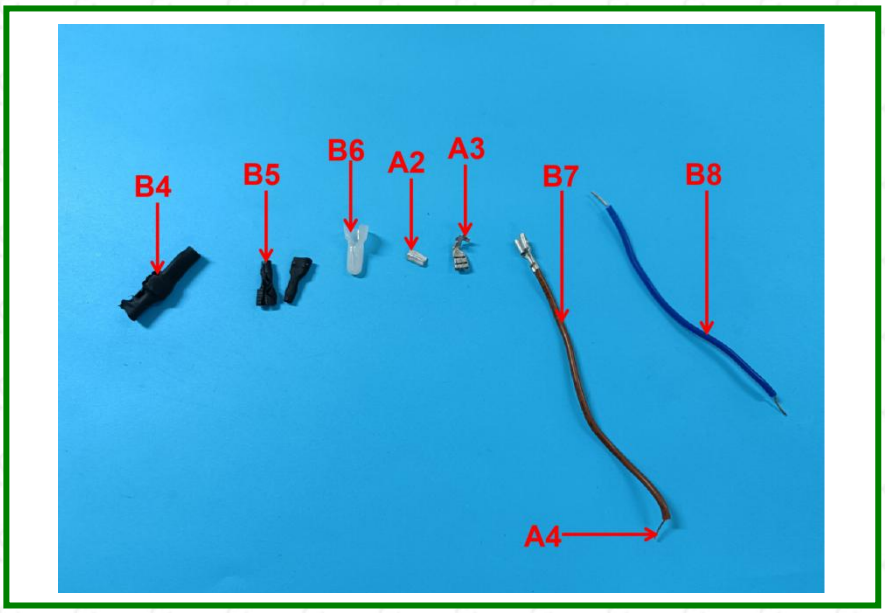
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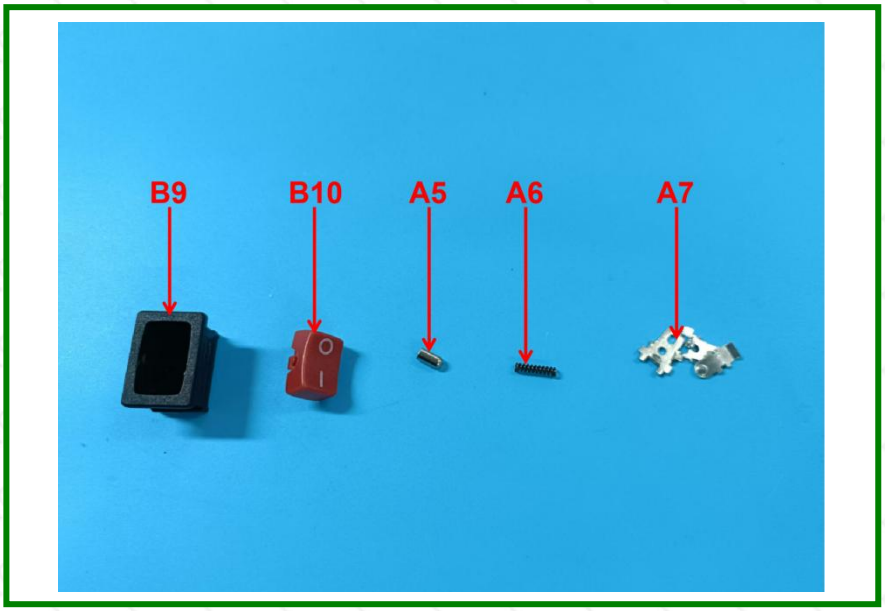
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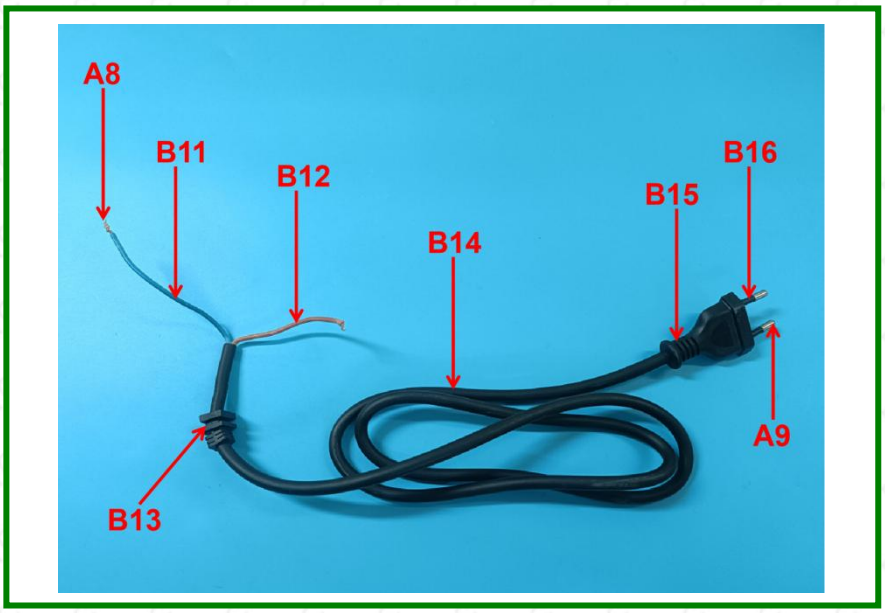




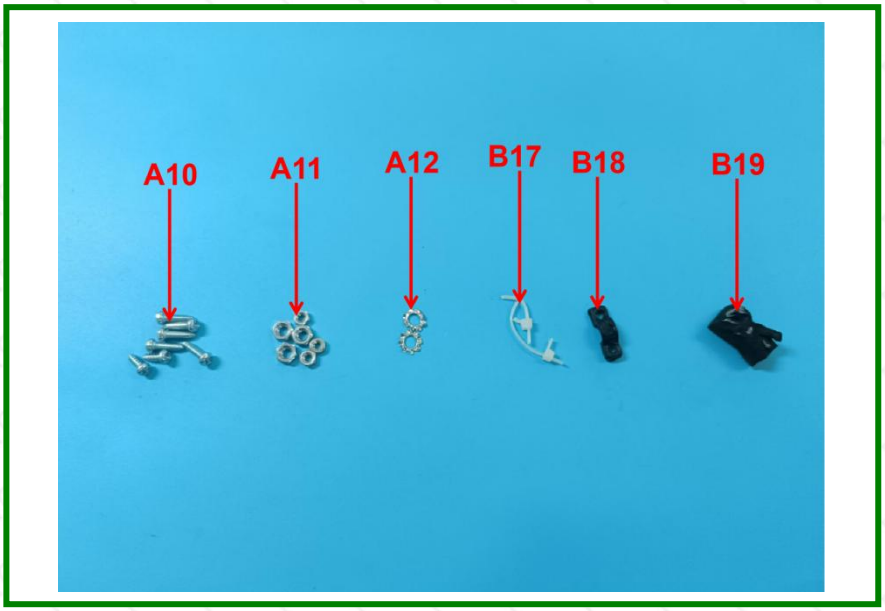
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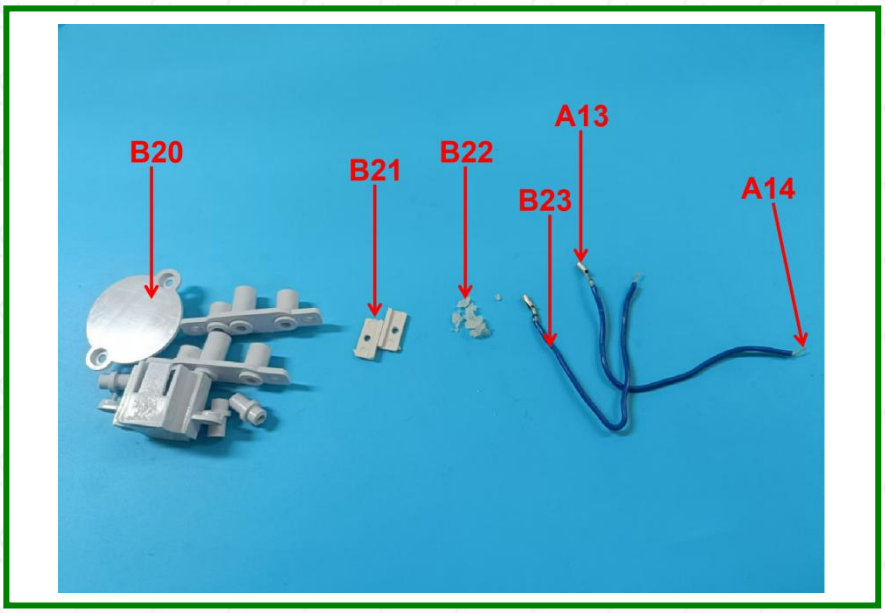
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Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong, China
Tel: 86-0769-38808222 Fax: 86-0769-38826111 http:// www.ptc-testing.com



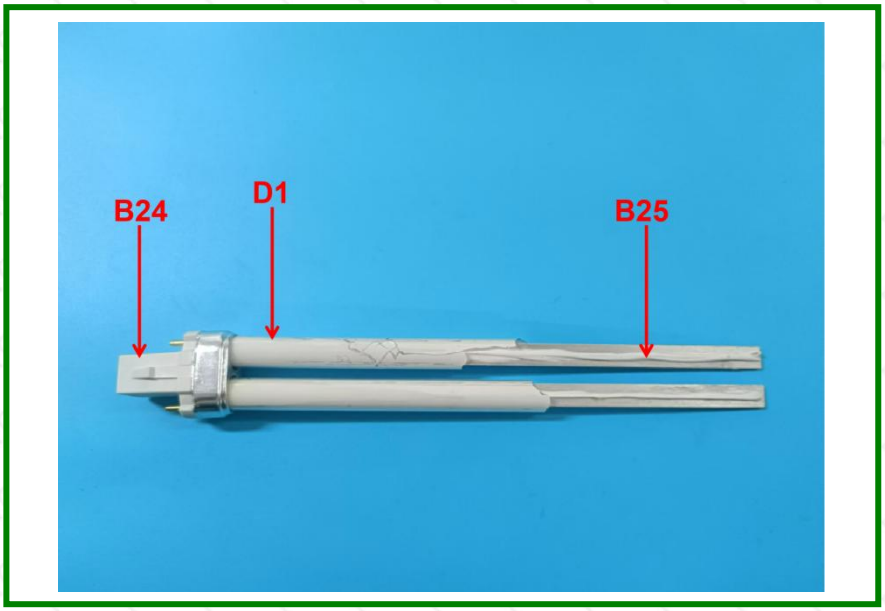


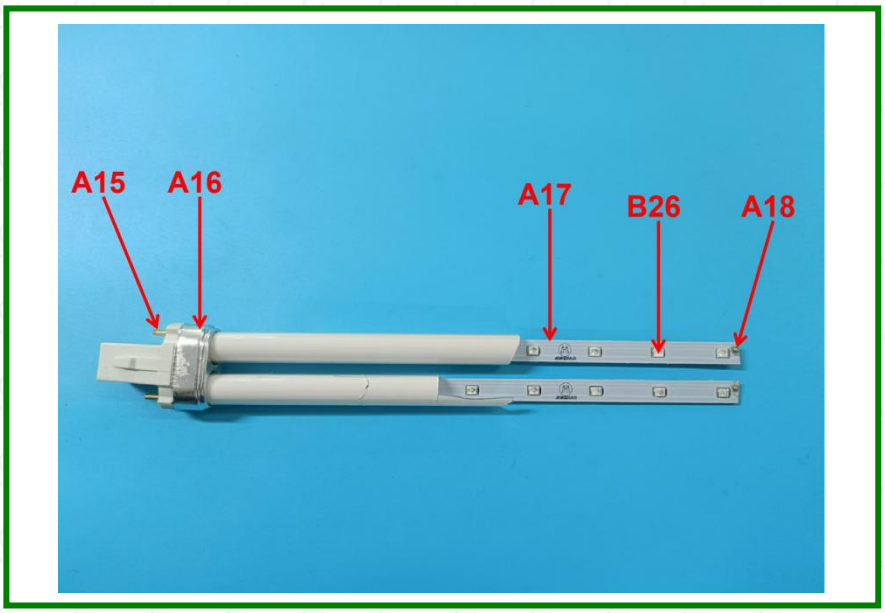
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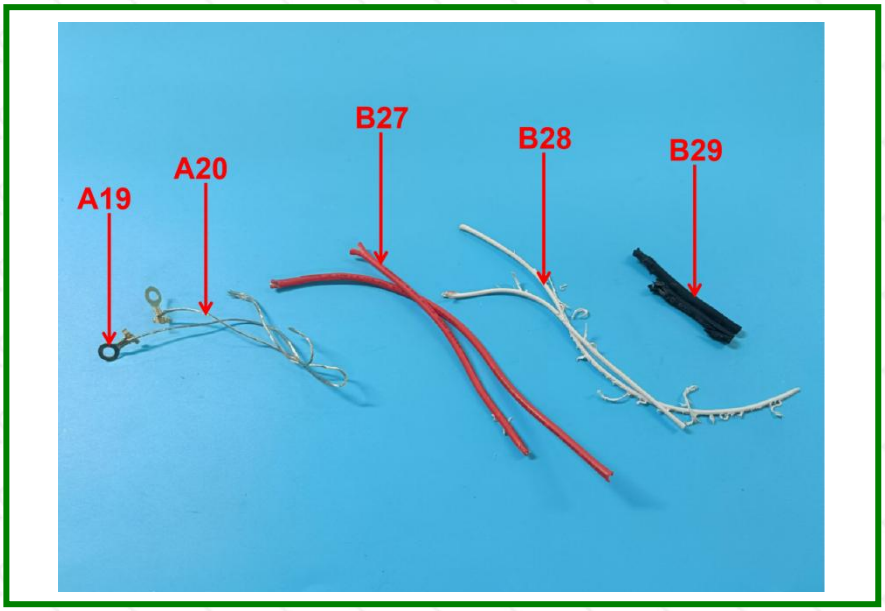


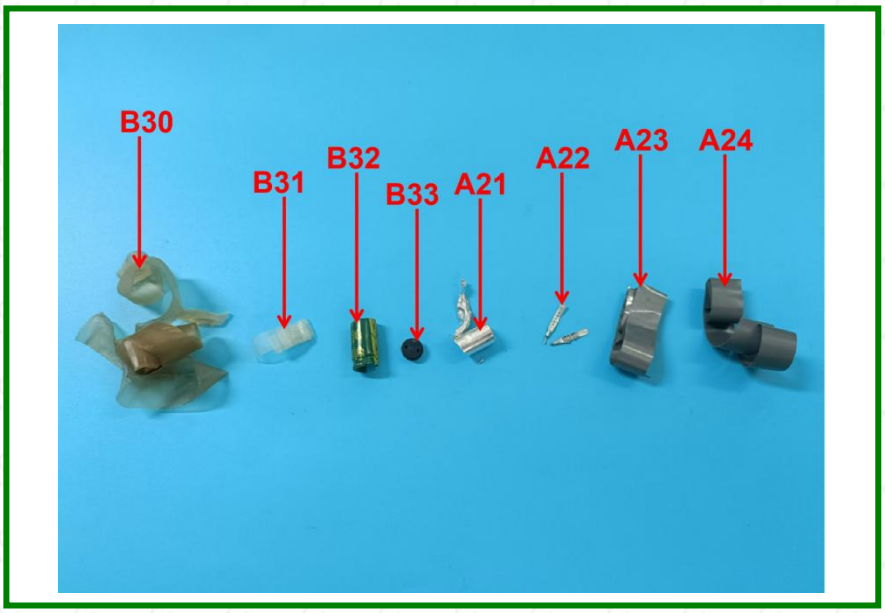
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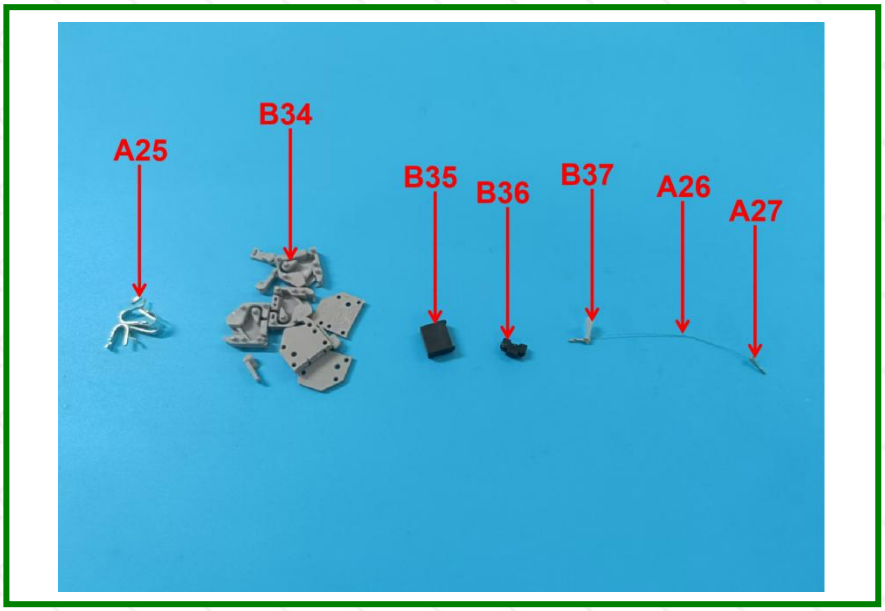


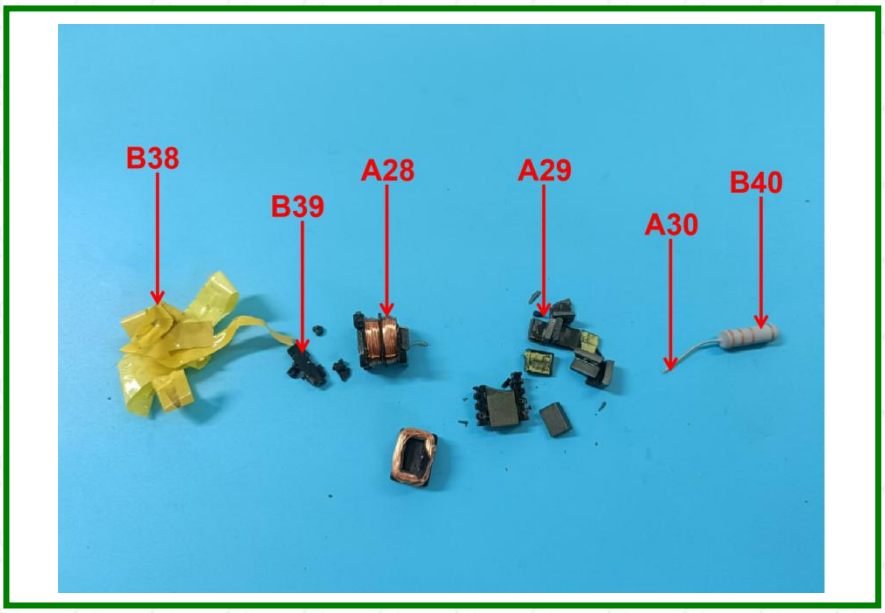
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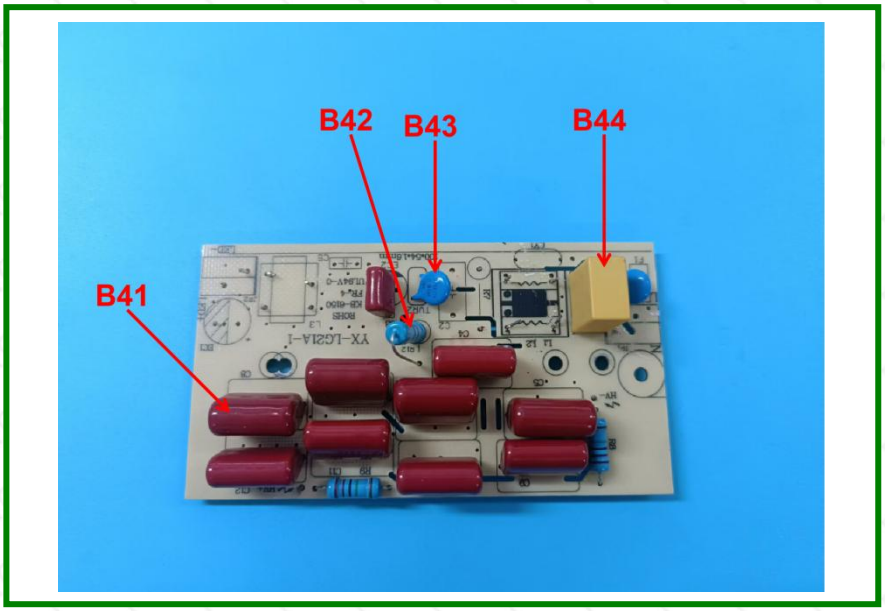


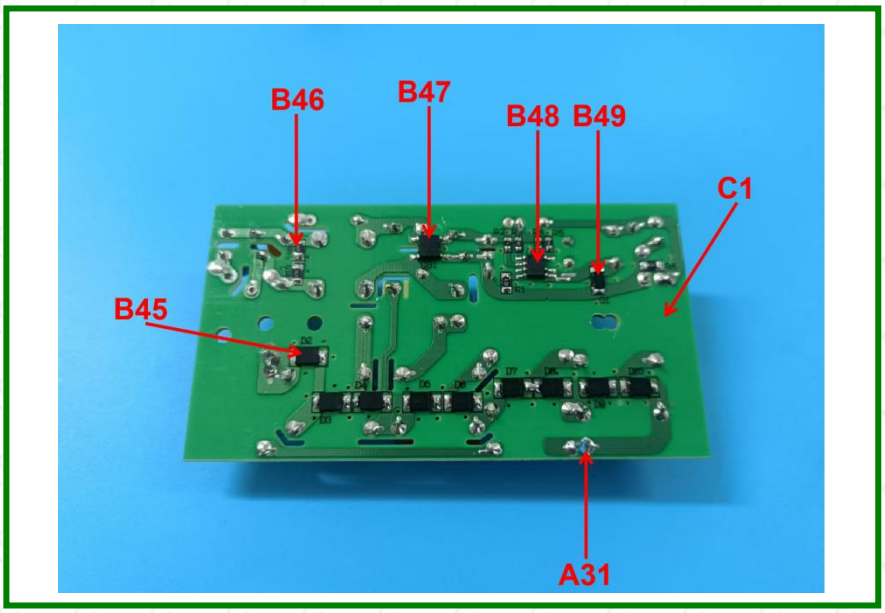
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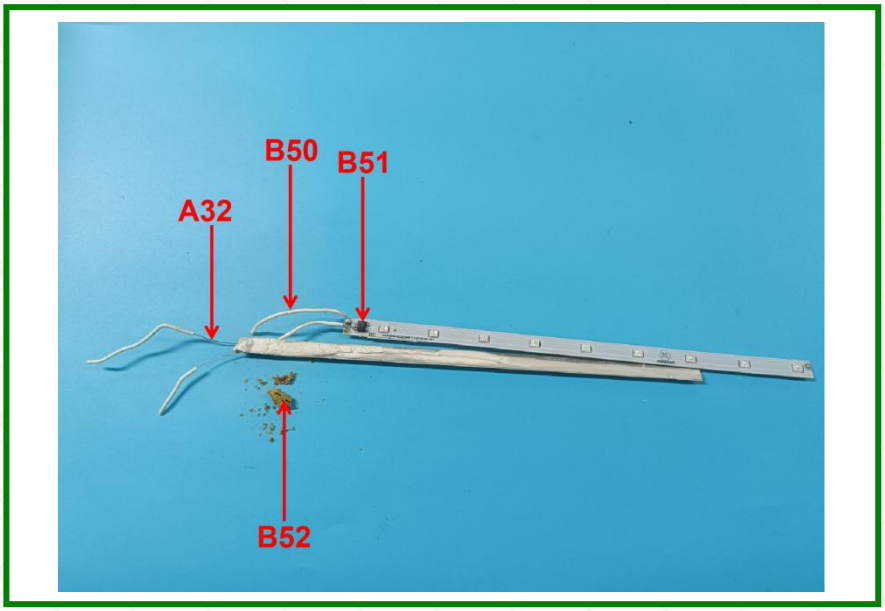


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End of Report

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Precise Testing & Certification (Guangdong) Co., Ltd. (PTC)
Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong, China
Tel: 86-0769-38808222 Fax: 86-0769-38826111 http:// www.ptc-testing.com