



Test Report

Report No. ESTC-240805014
Date: 31 Jul 2025
Page 1 of 38

APPLICANT : **Empower Tribe Commercial FZE**
LB181504WS13, Jebel Ali Freezone Dubai, United Arab Emirates

DATE OF SUBMISSION : 5 Aug 2024 & 17 Mar 2025

TEST PERIOD : 5 Aug 2024 to 14 Oct 2024
: 17 Mar 2025 to 18 Mar 2025

SAMPLE DESCRIPTION : Digital Mixer

Model No. : M32C

Trade name: Midas

TEST REQUESTED: Candidate List of Substances of Very High Concern for authorization published by European Chemicals Agency (ECHA) Regarding Regulation (EC) No. 1907/2006 concerning REACH

TEST RESULT: Refer to following page(s)

SUMMARY: According to the specified scope and analytical techniques, the concentration of Pb is >0.1% (w/ w) in certain component(s), the concentration of each other SVHCs is <0.1% (w/ w) in the component(s) of submitted product(s).

EST TECHNOLOGY CO., LTD.

Spark Zhang
Manager, Chemical Department



RT/ZH

REMARK

If there are questions or concerns on this report, please contact the following persons:

Report Enquiry: (86-769) 83081888 Ext. 618 E-mail: gdest@gdest.cn

Business Contact: (86-769) 83081888



Test Report

Report No. ESTC-240805014
 Date: 31 Jul 2025
 Page 2 of 38

1. Material List

Test Item(s)	Sample Photo	Item / Component Description(s)	Location(s)	Style(s)
001		Black coating	Coating, case, digital mixer	-
002		Black coated silvery metal	Case, digital mixer	-
003		Black plastic	Case, AC socket	-
004		Black soft plastic	Sleeve, AC socket	-
005		Silvery metal	AC plug	-
006		Silvery solder	Solder, AC socket	-
007		Yellow glue	Glue, AC socket	-
008		Blue soft plastic	Insulation	-
009		Brown soft plastic	Insulation	-
010		Yellow/green soft plastic	Insulation	-
011		Silvery metal	Wire, insulation	-
012		White plastic	Connector	-
013		Silvery metal	Terminal, case, digital mixer	-
014		Black plastic	Insulation board	-
015		Black soft plastic	Pads, case, digital mixer	-
016		Black plastic	Cover, digital mixer	-
017		Silvery plastic	Case, rotating button	-
018		Black plastic	Holder, rotating button	-
019		Silvery metal	Nut, rotating button	-
020		Silvery metal	Ring, rotating button	-
021		Silvery metal	Head, rotating button	-

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Test Report

Report No. ESTC-240805014
Date: 31 Jul 2025
Page 3 of 38


Test Item(s)	Sample Photo	Item / Component Description(s)	Location(s)	Style(s)
022		Gray metal	Holder, rotating button	-
023		Silvery metal	Frame, digital mixer	-
024		Black plastic	Screen board	-
025		Black plastic	Button	-
026		White plastic	Holder, button	-
027		Translucent yellow plastic	Holder, button	-
028		Black coating	Coating, net, digital mixer	-
029		Black coated silvery metal	Net, digital mixer	-
030		Black coated silvery metal	Trademark, net, digital mixer	-
031			Coppery metal	Nut, PCB
032	Cyan metal		Nut, PCB	-
033	Silvery metal		Ring, nut, PCB	-
034	Black coated silvery metal		Long screw, digital mixer	-
035	Silvery metal		Screw, digital mixer	-
036	Cyan metal		Screw, digital mixer	-
037	Black coated silvery metal		Short screw, digital mixer	-
038		Black plastic	Connector	-
039		Silvery metal	Pin, connector	-
040		Black body	SMD resistor	-
041		Gray core	Core, inductance	-
042		Coppery metal	Coil, inductance	-

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Test Report

Report No. ESTC-240805014
Date: 31 Jul 2025
Page 4 of 38




Test Item(s)	Sample Photo	Item / Component Description(s)	Location(s)	Style(s)	
043		Black body	SMD resistor	-	
044		Black body	SMD transistor	-	
045		Brown body	SMD capacitor	-	
046		Gray body	SMD inductance	-	
047		Black body	SMD IC6	-	
048		Transparent glass	Glass diode	-	
049		Translucent yellow plastic	Fixed	-	
050			Black body	SMD transistor	-
051			Black coated silvery metal	Electrolytic capacitor shell	-
052	Black soft plastic		Rubber seal	-	
053	Silvery metal		Aluminum foil	-	
054	Brown paper		Electrolytic paper	-	
055	Silvery metal		Horn, electrolytic capacitor	-	
056	Black plastic		Gasket, electrolytic capacitor	-	
057	Black body		SMD IC	-	
058	Silvery body		SMD crystal	-	
059	Black body		SMD diode	-	
060	Silvery metal		Case, SD card	-	
061	Brown plastic		Holder, SD card	-	
062	Silvery metal		Pin, SD card	-	
063	Black body		SD card	-	

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Test Report

Report No. ESTC-240805014
 Date: 31 Jul 2025
 Page 5 of 38

Test Item(s)	Sample Photo	Item / Component Description(s)	Location(s)	Style(s)
064		Silvery solder	Solder, PCB	-
065		White coated nature printed yellow plastic	PCB	-
066		Black plastic	Frame, fan motor	-
067		Silvery metal	Nut, frame, fan motor	-
068		Silvery metal	Gasket, fan motor	-
069		Coppery metal	Ring, fan motor	-
070		Black printed silvery plastic	Label, fan motor	-
071		White plastic	Connector	-
072		Red soft plastic	Insulation	-
073		Black soft plastic	Insulation	-
074		Black soft plastic	Sleeve	-
075		Silvery solder	Solder, PCB	-
076		Black body	SMD IC	-
077		Silvery solder	Solder, PCB	-
078		White coated nature printed blue plastic	PCB	-
079		Black plastic	Blades, fan motor	-
080		Silvery metal	Case, fan motor	-
081		Black soft plastic	Soft magnet, fan motor	-
082		Silvery metal	Shaft, fan motor	-
083		Silvery metal	Plate, fan motor	-
084		Black plastic	Frame, fan motor	-

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Test Report

Report No. ESTC-240805014
 Date: 31 Jul 2025
 Page 6 of 38

Test Item(s)	Sample Photo	Item / Component Description(s)	Location(s)	Style(s)
085		Silvery metal	Button	-
086		Silvery metal	Case, USB socket	-
087		Black plastic	Holder, USB socket	-
088		Silvery metal	Pin, USB socket	-
089		Translucent plastic	LED	-
090		Black plastic	Holder, LED	-
091		Silvery metal	Fixed, PCB	-
092		Black plastic	Connector	-
093		Silvery metal	Pin, connector	-
094		White printed black plastic	Electrolytic capacitor sleeve	-
095		White body	SMD transistor	-
096		White/black body	SMD resistor	-
097		Black body	SMD IC	-
098		Silvery body	SMD Q3	-
099		Black body	SMD XMOS	-
100		Silvery solder	Solder, PCB	-
101		White coated nature printed purple plastic	PCB	-
102		White plastic	Connector	-
103		Pink printed white soft plastic	Insulation	-
104		Black soft plastic	Sleeve	-
105		Red soft plastic	Insulation	-

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Test Report

Report No. ESTC-240805014
Date: 31 Jul 2025
Page 7 of 38

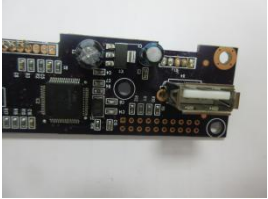
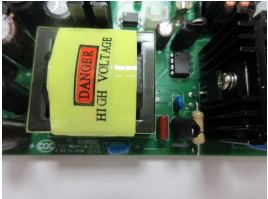
Test Item(s)	Sample Photo	Item / Component Description(s)	Location(s)	Style(s)
106		White soft plastic	Insulation	-
107		Green soft plastic	Insulation	-
108		Black soft plastic	Insulation	-
109		Black soft plastic	Cable jacket	-
110		Black plastic	Button, SW3	-
111		White plastic	Button, SW3	-
112		Black plastic	Holder, SW3	-
113		Silvery metal	Spring, SW3	-
114		Silvery metal	Contact plate, SW3	-
115		Green plastic	Holder, SW1	-
116		Silvery metal	Contact plate, SW1	-
117		Brown plastic	Board, SW1	-
118		Silvery metal	Pin, SW1	-
119		Rice white plastic	Connector	-
120		Black plastic	Holder, connector	-
121		White body	SMD LED	-
122		White plastic	Frame, screen board	-
123		Transparent gray plastic	Plate, glass board	-
124		Transparent glass	Glass board	-
125		Blue glue	Glue, glass board	-
126		Coppery plastic	FRC	-
127		Black plastic	Plate, FRC	-

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Test Report

Report No. ESTC-240805014
Date: 31 Jul 2025
Page 8 of 38

Test Item(s)	Sample Photo	Item / Component Description(s)	Location(s)	Style(s)
128		Blue printed black plastic	Electrolytic capacitor sleeve	-
129		Silvery metal	Case, USB socket	-
130		White plastic	Holder, USB socket	-
131		Silvery metal	Pin, USB socket	-
132		Silvery solder	Solder, PCB	-
133		White coated nature printed purple plastic	PCB	-
134		White printed brown plastic	Electrolytic capacitor sleeve	-
135		Black soft plastic	Inductance sleeve	-
136		Gray core	Core, inductance	-
137		Copper metal	Coil, inductance	-
138		White plastic	Connector	-
139		Beige body	Resistor	-
140		Silvery metal	Pin, resistor	-
141		Black printed transparent plastic	Label, transformer	-
142		Yellow plastic with adhesive	Adhesive tape, transformer	-
143		Black plastic	Frame, transformer	-
144		Transparent plastic	Insulation	-
145		Gray core	Core, transformer	-
146	Copper metal	Coil, transformer	-	
147	Copper metal	Film, transformer	-	
148	Silvery solder	Solder, transformer	-	

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Test Report

Report No. ESTC-240805014
Date: 31 Jul 2025
Page 9 of 38

Test Item(s)	Sample Photo	Item / Component Description(s)	Location(s)	Style(s)
149		Blue body	Capacitor	-
150		Dark red plastic	Capacitor sleeve	-
151		Silvery plastic	Filler, capacitor	-
152		Black soft plastic	FR1 sleeve	-
153		Gray body	FR1	-
154		Black body	IC1	-
155		Silvery metal	Pin, IC1	-
156		Blue body	MOV1	-
157		Black plastic	Gasket, capacitor	-
158		Black coated silvery metal	Heat sink	-
159		Silvery metal	Screw, heat sink	-
160		Black body	Transistor	-
161		Silvery metal	Pin, transistor	-
162		Black body	Diode	-
163		Translucent plastic	Connector	-
164		Yellow plastic	Capacitor sleeve	-
165		Silvery plastic	Filler, capacitor	-
166		Silvery metal	Cover, inductance	-
167		Black plastic	Frame, inductance	-
168		Gray core	Core, inductance	-
169		Coppery metal	Coil, inductance	-

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Test Report

Report No. ESTC-240805014
Date: 31 Jul 2025
Page 10 of 38

Test Item(s)	Sample Photo	Item / Component Description(s)	Location(s)	Style(s)
170		Green body	NTC1	-
171		Silvery metal	Terminal, fuse	-
172		Silvery metal	Contact plate, fuse	-
173		White ceramic	Ceramic fuse	-
174		Black body	IC2	-
175		Black body	SMD diode	-
176		Black body	SND IC	-
177		White/black body	SMD resistor	-
178		Brown body	SMD capacitor	-
179		White body	SMD capacitor	-
180		Silvery solder	Solder, PCB	-
181		White coated nature printed green plastic	PCB	-
182		White plastic	Connector	-
183		Red soft plastic	Insulation	-
184		Black soft plastic	Insulation	-
185		Black plastic	Connector	-
186		Black plastic	Holder, battery	-
187		Silvery body	Battery	-
188		Silvery metal	Contact plate, battery	-
189		Black body	SMD U6	-
190		Silvery metal	Pin, SMD U6	-

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Test Report

Report No. ESTC-240805014
 Date: 31 Jul 2025
 Page 11 of 38

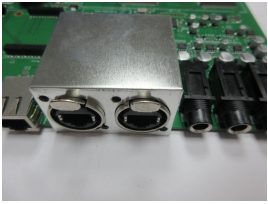
Test Item(s)	Sample Photo	Item / Component Description(s)	Location(s)	Style(s)
191		Silvery body	SMD crystal	-
192		Black body	SMD U2	-
193		Gray body	SMD fuse	-
194		Silvery metal	Case, network	-
195		Black plastic	Holder, network	-
196		Green plastic	LED, network	-
197		Yellow plastic	LED, network	-
198		Silvery metal	Pin, network	-
199		Silvery metal	Case, X26	-
200		Black plastic	Holder, X26	-
201		Silvery metal	Pin, X26	-
202		Black plastic	Button	-
203		Silvery metal	Cover, button	-
204		Black plastic	Holder, button	-
205		Silvery metal	Gasket, button	-
206		Brown plastic	Connector	-
207		Silvery metal	Button	-
208		Black plastic	Holder, button	-
209		Silvery metal	Pin, button	-
210		Silvery metal	Case, button	-
211		Silvery metal	Ring, DC socket	-

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Test Report

Report No. ESTC-240805014
Date: 31 Jul 2025
Page 12 of 38

Test Item(s)	Sample Photo	Item / Component Description(s)	Location(s)	Style(s)
212		Black plastic	Holder, DC socket	-
213		Silvery metal	Contact plate, DC socket	-
214		Black plastic	Rotating button	-
215		Gray metal	Head, rotating button	-
216		Orange plastic	Holder, rotating button	-
217		Silvery metal	Gasket, rotating button	-
218		Silvery solder	Solder, PCB	-
219		White coated nature printed green plastic	PCB	-

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Test Report

Report No. ESTC-240805014
Date: 31 Jul 2025
Page 13 of 38

2. Test Result

Test Method:	In-House method, Analysis is based on GC, LC, IC, ICP, with various detection techniques and UV.
Maximum Allowable Limit :	0.1% (Each of Listed)

Test Item(s)	Result		
	Detected Analyte(s)	Conc.	Unit
001+007+028+07 2+073+103+105+ 106+107+109	ND	ND	%
002+006+011+01 3+020+021+022+ 029+030+032	ND	ND	%
003+016+018+02 5+065+078+101+ 133+181+219	ND	ND	%
004+052+090+11 1+123+167+184+ 196+197+202	ND	ND	%
005	ND	ND	%
008	DBP: Others:	0.030 ND	%
009+024+044+07 4+081+089+104+ 135+152	ND	ND	%
010	DBP: Others:	0.041 ND	%
012+014+038+04 6+056+084+130+ 157+164+200	ND	ND	%
015^	ND	ND	%
017+027+049+06 1+071+102+122+ 163+182+206	ND	ND	%
019	Pb: Others:	1.60 ND	%
023	Pb: Others:	0.0259 ND	%
026+110+112+11 5+119+120+138+ 143+150+204	ND	ND	%
031	Pb: Others:	3.20 ND	%

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Test Report

Report No. ESTC-240805014
 Date: 31 Jul 2025
 Page 14 of 38

033+034+035+036+037+039+042+051+053+055	ND	ND	%
040+041+043+044+045+046+047+050+057+058	ND	ND	%
048	Pb: Others:	0.44 ND	%
054	ND	ND	%
059+063+076+095+096+097+098+099+121+136	ND	ND	%
060+062+064+067+068+069+075+077+080+082	ND	ND	%
066+079+087+092+117+185+186+195+208+212	ND	ND	%
070+094+126+127+128+134+141+142+151+165	ND	ND	%
083+085+086+088+091+093+100+113+114+116	ND	ND	%
108+125	ND	ND	%
118+129+131+132+137+140+146+147+148+155	ND	ND	%
124+173	ND	ND	%
139+145+149+153+154+156+162+168+170+174	ND	ND	%
144	DEHP: Others:	0.049 ND	%
158+159+161+166+169+171+172+180+188+190	ND	ND	%
160	Pb: Others:	1.90 ND	%
175	Pb: Others:	0.77 ND	%
176+177+178+179+187+189+191+192+193	ND	ND	%
183	DBP: Others:	0.030 ND	%

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Test Report

Report No. ESTC-240805014
Date: 31 Jul 2025
Page 15 of 38

194+198+199+201+203+205+207+209+210+213	ND	ND	%
211^	ND	ND	%
215+217+218	ND	ND	%

Note / Key:

ND = Not detected “>” = Greater than
mg/kg = milligram(s) per kilogram = ppm = part(s) per million
% = percent 10000 mg/kg = 1 %
Detection Limit (%) : See Appendix.

Remark:

- At the request of client, test(s) was conducted on the certain component(s) of the submitted samples(s) / submitted component(s)

The item(s) 005 were provided by client dated on Mar 17, 2025.

“^” The above Test Item(s) 211 results were transferred from the test data of 023 in EST report ESTC-240422016 dated on Mar 11, 2025; The above Test Item(s) 015 results were transferred from the test data of 006 in EST report ESTC-240612018 dated on Sep 9, 2024.

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Test Report

Report No. ESTC-240805014

Date: 31 Jul 2025

Page 16 of 38

Candidate List of Substances of Very High Concern for authorization published by European Chemicals Agency (ECHA) Regarding Regulation (EC) No. 1907/2006 concerning REACH

No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
1	Triethyl arsenate*	15606-95-8	427-700-2	0.01	Carcinogenic
2	Anthracene	120-12-7	204-371-1	0.01	PBT
3	4,4'-Diaminodiphenyl methane (MDA)	101-77-9	202-974-4	0.01	Carcinogenic
4	Dibutyl phthalate (DBP)	84-74-2	201-557-4	0.01	Toxic for reproduction
5	Cobalt dichloride*	7646-79-9	231-589-4	0.01	Carcinogenic
6	Diarsenic pentaoxide*	1303-28-2	215-116-9	0.01	Carcinogenic
7	Diarsenic trioxide*	1327-53-3	215-481-4	0.01	Carcinogenic
8	Sodium dichromate*	7789-12-0 ⁽¹⁾ , 10588-01-9 ⁽²⁾	234-190-3	0.01	Carcinogenic; Mutagenic; Toxic for reproduction
9	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	0.01	vPvB
10	Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	204-211-0	0.01	Toxic for reproduction; Equivalent level of concern having probable serious effects to human health
11	Hexabromo cyclododecane (HBCDD) and all major diastereoisomers identified: α - HBCDD β - HBCDD γ - HBCDD	3194-55-6 ⁽³⁾ , 25637-99-4 ⁽⁴⁾ 134237-50-6 134237-51-7 134237-52-8	247-148-4, 221-695-9	0.01	PBT
12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCP)	85535-84-8	287-476-5	0.01	PBT, vPvB
13	Bis(tributyltin)oxide (TBTO)**	56-35-9	200-268-0	0.01	PBT
14	Lead hydrogen arsenate*	7784-40-9	232-064-2	0.01	Carcinogenic; Toxic for reproduction
15	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	0.01	Toxic for reproduction
16	2,4-Dinitrotoluene	121-14-2	204-450-0	0.01	Carcinogenic
17	Anthracene oil	90640-80-5	292-602-7	0.01	Carcinogenic, PBT, vPvB
18	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	295-278-5	0.01	Carcinogenic; Mutagenic, PBT, vPvB
19	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.01	Carcinogenic; Mutagenic, PBT, vPvB

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Test Report

Report No. ESTC-240805014
Date: 31 Jul 2025
Page 17 of 38

20	Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.01	Carcinogenic; Mutagenic, PBT, vPvB
21	Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.01	Carcinogenic; Mutagenic, PBT, vPvB
22	Diisobutyl phthalate	84-69-5	201-553-2	0.01	Toxic for reproduction
23	Aluminosilicate, Refractory Ceramic Fibres* ^a	Index no. 650-017-00-8		0.01	0.01
24	Zirconia Aluminosilicate, Refractory Ceramic Fibres* ^b	Index no. 650-017-00-8		0.01	0.01
25	Lead chromate*	7758-97-6	231-846-0	0.01	Carcinogenic; Toxic for reproduction
26	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)*	12656-85-8	235-759-9	0.01	Carcinogenic; Toxic for reproduction
27	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2	215-693-7	0.01	Carcinogenic; Toxic for reproduction
28	Tris(2-chloroethyl) phosphate	115-96-8	204-118-5	0.01	Toxic for reproduction
29	Coal tar pitch, high temperature	65996-93-2	266-028-2	0.01	Carcinogenic, PBT, vPvB
30	Acrylamide	79-06-1	201-173-7	0.01	Carcinogenic; Mutagenic
31	Trichloroethylene	79-01-6	201-167-4	0.01	Carcinogenic
32	Boric acid*	10043-35-3, 11113-50-1	233-139-2 / 234-343-4	0.01	Toxic for reproduction
33	Disodium tetraborate, anhydrous*	1330-43-4 ⁽⁵⁾ , 12179-04-3 ⁽⁶⁾ , 1303-96-4 ⁽⁷⁾	215-540-4	0.01	Toxic for reproduction
34	Tetraboron disodium heptaoxide, hydrate*	12267-73-1	235-541-3	0.01	Toxic for reproduction
35	Sodium chromate*	7775-11-3	231-889-5	0.01	Carcinogenic; Mutagenic; Toxic for reproduction
36	Potassium chromate*	7789-00-6	232-140-5	0.01	Carcinogenic; Mutagenic
37	Ammonium dichromate*	7789-09-5	232-143-1	0.01	Carcinogenic; Mutagenic; Toxic for reproduction
38	Potassium dichromate*	7778-50-9	231-906-6	0.01	Carcinogenic; Mutagenic; Toxic for reproduction
39	Cobalt(II) sulphate*	10124-43-3	233-334-2	0.01	Carcinogenic; Toxic for reproduction
40	Cobalt(II) dinitrate*	10141-05-6	233-402-1	0.01	Carcinogenic; Toxic for reproduction
41	Cobalt(II) carbonate*	513-79-1	208-169-4	0.01	Carcinogenic; Toxic for reproduction
42	Cobalt(II) diacetate*	71-48-7	200-755-8	0.01	Carcinogenic; Toxic for reproduction

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Test Report

Report No. ESTC-240805014
Date: 31 Jul 2025
Page 18 of 38

43	2-Methoxyethanol	109-86-4	203-713-7	0.01	Toxic for reproduction
44	2-Ethoxyethanol	110-80-5	203-804-1	0.01	Toxic for reproduction
45	Chromium trioxide*	1333-82-0	215-607-8	0.01	Carcinogenic; Mutagenic
46	Acid generated from chromium trioxide and their oligomers:			0.01	Carcinogenic
	Chromic acid*	7738-94-5	231-801-5	0.01	
	Dichromic acid*	13530-68-2	236-881-5	0.01	
	Oligomers of chromic acid and dichromic acid*	-	-	0.01	
47	2-Ethoxyethyl acetate	111-15-9	203-839-2	0.01	Toxic for reproduction
48	Strontium Chromate*	7789-06-2	232-142-6	0.01	Carcinogenic
49	1,2-benzenedicarboxylic acid, di-C7-11 branched alkyl ester and linear alkyl ester	68515-42-4	271-084-6	0.01	Toxic for reproduction
50	Hydrazine	302-01-2 7803-57-8	206-114-9	0.01	Carcinogenic
51	1-Methyl-2-pyrrolidone	872-50-4	212-828-1	0.01	Toxic for reproduction
52	1,2,3-trichloropropane	96-18-4	202-486-1	0.01	Toxic for reproduction
53	1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl ester, C7-rich (DIHP)	71888-89-6	276-158-1	0.01	Toxic for reproduction
54	Dichromium tris(chromate)*	24613-89-6	246-356-2	0.01	Carcinogenic
55	Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9	234-329-8	0.01	Carcinogenic
56	Pentazinc chromate octahydroxide*	49663-84-5	256-418-0	0.01	Carcinogenic
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	0.01	Carcinogenic
58	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	0.01	Toxic for reproduction
59	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	0.01	Carcinogenic
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-426-2	0.01	Equivalent level of concern
61	1,2-Dichloroethane	107-06-2	203-458-1	0.01	Carcinogenic
62	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	0.01	Toxic for reproduction
63	Arsenic acid*	7778-39-4	231-901-9	0.01	Carcinogenic
64	Calcium arsenate*	7778-44-1	231-904-5	0.01	Carcinogenic
65	Trilead diarsenate*	3687-31-8	222-979-5	0.01	Carcinogenic; Toxic for reproduction
66	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	0.01	Toxic for reproduction

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Test Report

Report No. ESTC-240805014
Date: 31 Jul 2025
Page 19 of 38

67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	0.01	Carcinogenic
68	Phenolphthalein	77-09-8	201-004-7	0.01	Carcinogenic
69	Lead azide, Lead diazide*	13424-46-9	236-542-1	0.01	Toxic for reproduction
70	Lead styphnate*	15245-44-0	239-290-0	0.01	Toxic for reproduction
71	Lead dipicrate*	6477-64-1	229-335-2	0.01	Toxic for reproduction
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.01	Toxic for reproduction
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	0.01	Toxic for reproduction
74	Diboron trioxide*	1303-86-2	215-125-8	0.01	Toxic for reproduction
75	Formamide	75-12-7	200-842-0	0.01	Toxic for reproduction
76	Lead(II) bis(methanesulfonate)*	17570-76-2	401-750-5	0.01	Toxic for reproduction
77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione) [§]	2451-62-9	219-514-3	0.01	Mutagenic
78	β -TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) [§]	59653-74-6	423-400-0	0.01	Mutagenic
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	0.01	Carcinogenic
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	0.01	Carcinogenic
81	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	208-953-6	0.01	Carcinogenic
82	[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	219-943-6	0.01	Carcinogenic
83	α,α -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	0.01	Carcinogenic

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Test Report

Report No. ESTC-240805014

Date: 31 Jul 2025

Page 20 of 38

84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2	0.01	Carcinogenic
85	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9	0.01	Persistent, bioaccumulative and toxic; very persistent and very bioaccumulative
86	N,N-dimethylformamide; dimethyl formamide	68-12-2	200-679-5	0.01	Toxic for reproduction
87	Methoxy acetic acid	625-45-6	210-894-6	0.01	Toxic for reproduction ; equivalent level of concern
88	Dibutyltin dichloride (DBT) ^{db}	683-18-1	211-670-0	0.01	Toxic for reproduction
89	1,2-Diethoxyethane	629-14-1	211-076-1	0.01	Toxic for reproduction
90	Hexahydro-2-benzofuran-1,3-dione (HHPA), cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	0.01	Equivalent level of concern
91	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	0.01	Equivalent level of concern
92	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	-	-	0.01	Equivalent level of concern
93	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	0.01	Very persistent and very bioaccumulative
94	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear ⁺	84777-06-0	284-032-2	0.01	Toxic for reproduction
95	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	0.01	Very persistent and very bioaccumulative
96	N-pentyl-isopentylphthalate (iPnPP) ⁺	776297-69-9	-	0.01	Toxic for reproduction

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Test Report

Report No. ESTC-240805014
Date: 31 Jul 2025
Page 21 of 38

97	Pentacosafluorotridecanoic acid	72629-94-8	276-745-2	0.01	Very persistent and very bioaccumulative
98	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	-	-	0.01	Equivalent level of concern
99	Tricosfluorododecanoic acid	307-55-1	206-203-2	0.01	Very persistent and very bioaccumulative
100	Lead bis(tetrafluoroborate)*	13814-96-5	237-486-0	0.01	Toxic for reproduction
101	Lead tetroxide (orange lead)*	1314-41-6	215-235-6	0.01	Toxic for reproduction
102	Diethyl sulphate	64-67-5	200-589-6	0.01	Carcinogenic; Mutagenic
103	Dinoseb	88-85-7	201-861-7	0.01	Toxic for reproduction
104	Lead Titanium Zirconium Oxide*	12626-81-2	235-727-4	0.01	Toxic for reproduction
105	Acetic acid, lead salt, basic*	51404-69-4	257-175-3	0.01	Toxic for reproduction
106	Furan	110-00-9	203-727-3	0.01	Carcinogenic
107	N-methylacetamide	79-16-3	201-182-6	0.01	Toxic for reproduction
108	o-Toluidine; 2-Aminotoluene	95-53-4	202-429-0	0.01	Carcinogenic
109	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	0.01	Toxic for reproduction
110	4,4'-oxydianiline and its salts	101-80-4	202-977-0	0.01	Carcinogenic; Mutagenic
111	[Phthalato(2-)]dioxotrilead (Dibasic lead phthalate)*	69011-06-9	273-688-5	0.01	Toxic for reproduction
112	Lead titanium trioxide*	12060-00-3	235-038-9	0.01	Toxic for reproduction
113	Lead oxide sulphate*	12036-76-9	234-853-7	0.01	Toxic for reproduction
114	Lead dinitrate*	10099-74-8	233-245-9	0.01	Toxic for reproduction
115	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3	200-453-6	0.01	Carcinogenic
116	Lead cyanamidate*	20837-86-9	244-073-9	0.01	Toxic for reproduction
117	Tetralead trioxide sulphate*	12202-17-4	235-380-9	0.01	Toxic for reproduction
118	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	202-453-1	0.01	Carcinogenic
119	Pyrochlore, antimony lead yellow*	8012-00-8	232-382-1	0.01	Toxic for reproduction
120	Trilead bis(carbonate)dihydroxide (basic lead carbonate)*	1319-46-6	215-290-6	0.01	Toxic for reproduction
121	Dimethyl sulphate	77-78-1	201-058-1	0.01	Carcinogenic
122	Dioxobis(stearato)trilead*	12578-12-0	235-702-8	0.01	Toxic for reproduction

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Test Report

Report No. ESTC-240805014

Date: 31 Jul 2025

Page 22 of 38

123	Silicic acid, barium salt, lead-doped*	68784-75-8	272-271-5	0.01	Toxic for reproduction
124	Biphenyl-4-ylamine	92-67-1	202-177-1	0.01	Carcinogenic
125	Lead oxide (lead monoxide)*	1317-36-8	215-267-0	0.01	Toxic for reproduction
126	Pentalead tetraoxide sulphate*	12065-90-6	235-067-7	0.01	Toxic for reproduction
127	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	200-879-2	0.01	Carcinogenic; Mutagenic
128	Silicic acid, lead salt*	11120-22-2	234-363-3	0.01	Toxic for reproduction
129	Trilead dioxide phosphonate*	12141-20-7	235-252-2	0.01	Toxic for reproduction
130	o-aminoazotoluene	97-56-3	202-591-2	0.01	Carcinogenic
131	1-bromopropane	106-94-5	203-445-0	0.01	Toxic for reproduction
132	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	0.01	Carcinogenic
133	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	0.01	Carcinogenic
134	Tetraethyllead*	78-00-2	201-075-4	0.01	Toxic for reproduction
135	Sulfurous acid, lead salt, dibasic*	62229-08-7	263-467-1	0.01	Toxic for reproduction
136	Fatty acids, C16-18, lead salts*	91031-62-8	292-966-7	0.01	Toxic for reproduction
137	Diisopentylphthalate ⁺	605-50-5	210-088-4	0.01	Toxic for reproduction
138	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	0.01	Equivalent level of concern
139	Cadmium*	7440-43-9	231-152-8	0.01	Carcinogenic; Equivalent level of concern
140	Cadmium oxide*	1306-19-0	215-146-2	0.01	Carcinogenic; Equivalent level of concern
141	Dipentyl phthalate (DPP) ⁺	131-18-0	205-017-9	0.01	Toxic for reproduction
142	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	-	-	0.01	Equivalent level of concern
143	Ammonium pentadecafluorooctanoate (APFO) [‡]	3825-26-1	223-320-4	0.01	Toxic for reproduction; PBT

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Test Report

Report No. ESTC-240805014

Date: 31 Jul 2025

Page 23 of 38

144	Pentadecafluorooctanoic acid (PFOA) [‡]	335-67-1	206-397-9	0.01	Toxic for reproduction; PBT
145	Cadmium sulphide*	1306-23-6	215-147-8	0.01	Carcinogenic; Equivalent level of concern
146	Dihexyl phthalate	84-75-3	201-559-5	0.01	Toxic for reproduction
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	0.01	Carcinogenic
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. Direct Black 38)	1937-37-7	217-710-3	0.01	Carcinogenic
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	202-506-9	0.01	Toxic for reproduction
150	Lead di(acetate)*	301-04-2	206-104-4	0.01	Toxic for reproduction
151	Trixylyl phosphate	25155-23-1	246-677-8	0.01	Toxic for reproduction
152	Cadmium chloride*	10108-64-2	233-296-7	0.01	Carcinogenic; Mutagenic; Toxic for Reproduction; Equivalent level of concern having probable serious effects to human health
153	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear ⁺⁺	68515-50-4	271-093-5	0.01	Toxic for reproduction
154	Sodium peroxometaborate*	7632-04-4	231-556-4	0.01	Toxic for reproduction
155	Sodium perborate; perboric acid, sodium salt*	-	239-172-9; 234-390-0	0.01	Toxic for reproduction
156	Cadmium fluoride*	7790-79-6	232-222-0	0.01	Carcinogenic; Mutagenic; Toxic for Reproduction; Equivalent level of concern having probable serious effects to human health

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Test Report

Report No. ESTC-240805014

Date: 31 Jul 2025

Page 24 of 38

157	Cadmium sulphate*	10124-36-4; 31119-53-6	233-331-6	0.01	Carcinogenic; Mutagenic; Toxic for Reproduction; Equivalent level of concern having probable serious effects to human health
158	2-benzotriazol-2-yl-4,6-di- tert-butylphenol (UV-320)	3846-71-7	223-346-6	0.01	PBT; vPvB
159	2-(2H-benzotriazol-2-yl)-4,6- ditertpentylphenol (UV-328)	25973-55-1	247-384-8	0.01	PBT; vPvB
160	2-ethylhexyl 10-ethyl-4,4- dioctyl-7-oxo-8-oxa-3,5- dithia-4-stannatetradecanoate (DOTE) ^{db}	15571-58-1	239-622-4	0.01	Toxic for Reproduction
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) ^{db}	-	-	0.01	Toxic for Reproduction
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2- benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5; 68648-93-1	271-094-0; 272-013-1	0.01	Toxic for reproduction
163	5-sec-butyl-2-(2,4- dimethylcyclohex-3-en-1-yl)- 5-methyl-1,3-dioxane [1], 5- sec-butyl-2-(4,6- dimethylcyclohex-3-en-1-yl)- 5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]	-	-	0.01	Very persistent and very bioaccumulative
164	1,3-propanesultone	1120-71-4	214-317-9	0.01	Carcinogenic
165	2,4-di-tert-butyl-6-(5- chlorobenzotriazol-2- yl)phenol (UV-327)	3864-99-1	223-383-8	0.01	vPvB
166	2-(2H-benzotriazol-2-yl)-4- (tert-butyl)-6-(sec- butyl)phenol (UV-350)	36437-37-3	253-037-1	0.01	vPvB
167	Nitrobenzene	98-95-3	202-716-0	0.01	Toxic for reproduction

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Test Report

Report No. ESTC-240805014

Date: 31 Jul 2025

Page 25 of 38

168	Perfluorononan-1-oic acid and its sodium and ammonium salts	375-95-1; 21049-39-8; 4149-60-4	206-801-3	0.01	Toxic for reproduction; PBT
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	0.01	Carcinogenic ; Mutagenic ; Toxic for reproduction; PBT ; vPvB
170	4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-7	201-245-8	0.01	Toxic for reproduction
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2 3830-45-3 3108-42-7	206-400-3 - 221-470-5	0.01	Toxic for reproduction; PBT
172	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	0.01	Equivalent level of concern having probable serious effects to environment
173	4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	-	-	0.01	Equivalent level of concern having probable serious effects to environment
174	Perfluorohexane-1-sulphonic acid and its salts	335-46-4	206-587-1	0.01	vPvB
175	Dechlorane Plus(TM) and reaction products of 1,3,4-thiadiazolidine-2,5-dithione	-	13560-89-9; 135821-74-8; 135821-03-3	0.01	vPvB
176	benz[a]anthracene	200-280-6	56-55-3	0.01	PBT vPvB
177	cadmium nitrate	233-710-6	10325-94-7	0.01	Carcinogenic; Mutagenic
178	cadmium carbonate	208-168-9	513-76-0	0.01	Carcinogenic; Mutagenic
179	cadmium hydroxide	244-168-5	21041-95-2	0.01	Carcinogenic; Mutagenic
180	chrysene	205-923-4	218-01-9	0.01	PBT vPvB
181	ormaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4 heptylphenol, branched and linear]	-	-	0.01	Environmental endocrine disruptors
182	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	0.01	PBT vPvB
183	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	0.01	PBT vPvB

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Test Report

Report No. ESTC-240805014

Date: 31 Jul 2025

Page 26 of 38

184	Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	0.01	PBT vPvB
185	Lead	7439-92-1	231-100-4	0.01	Toxic for reproduction
186	Disodium octaborate	12008-41-2	234-541-0	0.01	Toxic for reproduction
187	Benzo[ghi]perylene	191-24-2	205-883-8	0.01	PBT vPvB
188	Terphenyl, hydrogenated	61788-32-7	262-967-7	0.01	vPvB
189	Terphenyl, hydrogenated (EDA)	107-15-3	203-468-6	0.01	Respiratory sensitising properties
190	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride; TMA)	552-30-7	209-008-0	0.01	Respiratory sensitising properties
191	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	0.01	Toxic for reproduction Endocrine disrupting properties
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	239-139-9	0.01	Endocrine disrupting properties (Article 57(f) - environment)
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	0.01	Toxic for reproduction (Article 57c)
194	Benzo[k]fluoranthene	207-08-9	205-916-6	0.01	Carcinogenic (Article 57a) PBT (Article 57d) vPvB (Article 57e)
195	Fluoranthene	206-44-0; 93951-69-0	205-912-4	0.01	PBT (Article 57d) vPvB (Article 57e)
196	Phenanthrene	85-01-8	201-581-5	0.01	vPvB (Article 57e)
197	Pyrene	129-00-0; 1718-52-1	204-927-3	0.01	PBT (Article 57d) vPvB (Article 57e)
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	-	-	0.01	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health) Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)
199	2-methoxyethyl acetate	110-49-6	203-772-9	0.01	Toxic for reproduction (Article 57c)
200	4-tert-butylphenol	98-54-4	202-679-0	0.01	Endocrine disrupting properties (Article 57(f) - environment)

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Test Report

Report No. ESTC-240805014

Date: 31 Jul 2025

Page 27 of 38

201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with \geq 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	0.01	Endocrine disrupting properties (Article 57(f) - environment)
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	119313-12-1	0.01	Toxic for reproduction
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6	0.01	Toxic for reproduction
204	Diisohexyl phthalate	71850-09-4	276-090-2	0.01	Toxic for reproduction
205	Perfluorobutane sulfonic acid (PFBS) and its salts	/	/	0.01	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health) Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)
206	1-vinylimidazole	1072-63-5	214-012-0	0.01	Toxic for reproduction (Article 57c)
207	2-methylimidazole	693-98-1	223-383-8	0.01	Toxic for reproduction (Article 57c)
208	Butyl 4-hydroxybenzoate	94-26-8	253-037-1	0.01	Endocrine disrupting properties (Article 57(f) – human health)
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	201-545-9	0.01	Toxic for reproduction (Article 57c)
210	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	205-594-7	0.01	Toxic for reproduction (Article 57c)
211	Diocyltin 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 dioctyltin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs.	/	/	0.01	Toxic for reproduction (Article 57c)

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Test Report

Report No. ESTC-240805014
Date: 31 Jul 2025
Page 28 of 38

212	1,4-dioxane	204-661-8	123-91-1	0.01	Carcinogenic; Equivalent level of concern having probable serious effects to human health; human; Equivalent level of concern having probable serious effects to the environment;
213	2,2bis(bromomethyl)propane 1,3-diol (BMP) 2,2-dimethylpropan-1-ol, tribromo derivative/ 3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA) 2,3-dibromo-1-propanol (2,3-DBPA)	3296-90-0, 36483-57-5, 1522-92-5, 96-13-9	221-967-7, 253-057-0, 202-480-9	0.01	Carcinogenic
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	75166-31-3, 80-54-6, 75166-30-2	201-289-8	0.01	Toxic for reproduction
215	4,4'-(1-methylpropylidene)bisphenol; (bisphenol B)	77-40-7	201-025-1	0.01	Endocrine disrupting properties; Endocrine disrupting properties
216	Glutaral	111-30-8	203-856-5	0.01	Respiratory sensitising properties
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]	1372804-76-6, 85535-85-9, 198840-65-2	287-477-0, 950-299-5	0.01	PBT; vPvB
218	Orthoboric acid, sodium salt	25747-83-5, 22454-04-2, 14312-40-4, 1333-73-9, 13840-56-7	238-253-6, 215-604-1, 237-560-2	0.01	Toxic for reproduction
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)	210555-94-5, 27147-75-7, 121158-58-5, 74499-35-7, 57427-55-1	310-154-3	0.01	Toxic for reproduction; Endocrine disrupting properties; Endocrine disrupting properties

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Test Report

Report No. ESTC-240805014
Date: 31 Jul 2025
Page 29 of 38

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)	-	-	0.01	Endocrine disrupting properties
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	204-327-1	0.01	Toxic for reproduction
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	401-850-9	0.01	PBT
223	tris(2-methoxyethoxy)vinylsilane	1067-53-4	213-934-0	0.01	Toxic for reproduction
224	N-(hydroxymethyl)acrylamide	924-42-5	213-103-2	0.01	Carcinogenic; Mutagenic
225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	37853-59-1	253-692-3	0.01	vPvB
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	201-236-9	0.01	Carcinogenic
227	4,4'-sulphonyldiphenol	80-09-1	201-250-5	0.01	Toxic for reproduction; Endocrine disrupting properties; Endocrine disrupting properties;
228	Barium diboron tetraoxide	13701-59-2	237-222-4	0.01	Toxic for reproduction
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-	-	0.01	vPvB
230	Isobutyl 4-hydroxybenzoate	4274-02-3	224-208-8	0.01	Endocrine disrupting properties

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Test Report

Report No. ESTC-240805014

Date: 31 Jul 2025

Page 30 of 38

231	Melamine	108-78-1	203-615-4	0.01	Equivalent level of concern having probable serious effects to human health; Equivalent level of concern having probable serious effects to the environment
232	Perfluoroheptanoic acid and its salts	-	-	0.01	Toxic for reproduction; PBT; vPvB; Equivalent level of concern having probable serious effects to human health; Equivalent level of concern having probable serious effects to the environment
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	-	473-390-7	0.01	vPvB
234	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	278-355-8	0.01	Toxic for reproduction
235	Bis(4-chlorophenyl) sulphone	80-07-9	201-247-9	0.01	vPvB
236	2,4,6-tri-tert-butylphenol	732-26-3	211-989-5	0.01	Toxic for reproduction; PBT
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9	221-573-5	0.01	vPvB
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	438-340-0	0.01	Toxic for reproduction (Article 57c)
239	Bumetrizole (UV-326)	3896-11-5	223-445-4	0.01	vPvB
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	-	700-960-7	0.01	vPvB

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Test Report

Report No. ESTC-240805014
Date: 31 Jul 2025
Page 31 of 38

241	Bis(α,α -dimethylbenzyl) peroxide	80-43-3	201-279-3	0.01	Toxic for reproduction
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- (1) CAS no. 7789-12-0 refers to sodium dichromate dihydrate
- (2) CAS no. 10588-01-9 refers to anhydrous sodium dichromate
- (3) CAS no. 3194-55-6 refers to a specific HBCDD - 1,2,5,6,9,10-hexabromocyclododecane
- (4) CAS no. 25637-99-4 refers to unspecific HBCDD isomer composition
- (5) CAS no. 1330-43-4 refers to disodium tetraborate, anhydrous
- (6) CAS no. 12179-04-3 refers to sodium tetraborate, pentahydrate
- (7) CAS no. 1303-96-4 refers to sodium tetraborate, decahydrate



Test Report

Report No. ESTC-240805014
Date: 31 Jul 2025
Page 32 of 38

Remark:

- The list of Candidate List of Substances of Very High Concern for authorization published by European Chemicals Agency (ECHA) Regarding Regulation (EC) No. 1907/2006 concerning REACH and is summarized in table of appendix.
The table above only shows detected SVHC, and SVHC that below RL are not reported.
Please refer to Appendix for the full list of tested SVHC.
*Result is based on the heavy metal or inorganic element concentration. Due to the limit of the analytical technology available, any further investigation is not feasible. The client is strongly advised to review the chemical formulation to ascertain.
**Result is identified by tributyltin (TBT). Due to the limit of the analytical technology available, any further investigation is not feasible. The client is strongly advised to review the chemical formulation to ascertain.
§TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) and β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) are reported as a mixture.
aRefer to Aluminosilicate, Refractory Ceramic Fibres fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm) c) alkaline oxide and alkali earth oxide (Na₂O+K₂O+CaO+MgO+BaO) content less or equal to 18% by weight.
bRefer to Zirconia Aluminosilicate, Refractory Ceramic Fibres fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm). c) alkaline oxide and alkali earth oxide (Na₂O+K₂O+CaO+MgO+BaO) content less or equal to 18% by weight.
+[1,2-Benzenedicarboxylic acid, dipentylester, branched and linear] is a mixture of phthalates contains DPP, DIPP and N-pentyl-isopentylphthalate.
++[1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear] is a mixture of phthalates contains dihexyl phthalate.
φResult is based on the tin metal concentration, and further confirmation for checking DBT, DOTE & MOTE concentration.

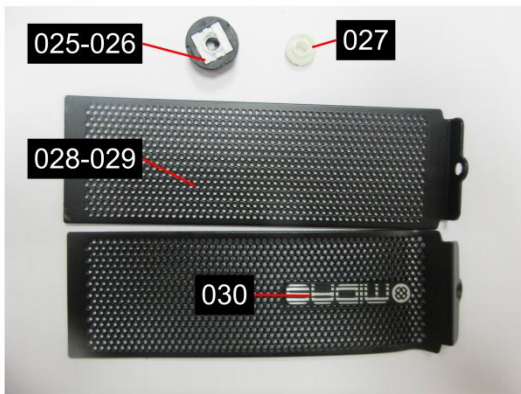
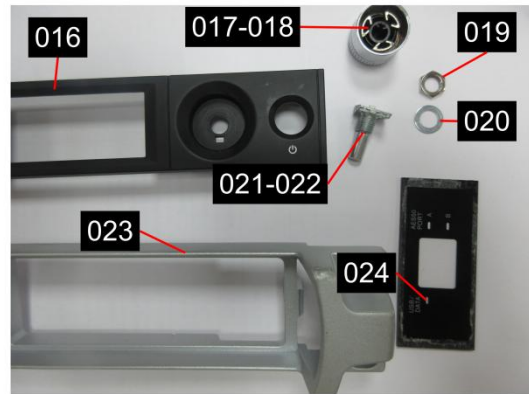
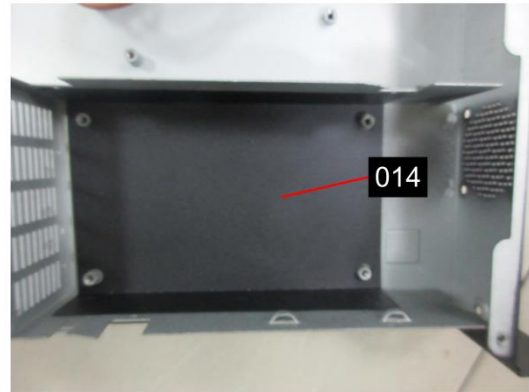
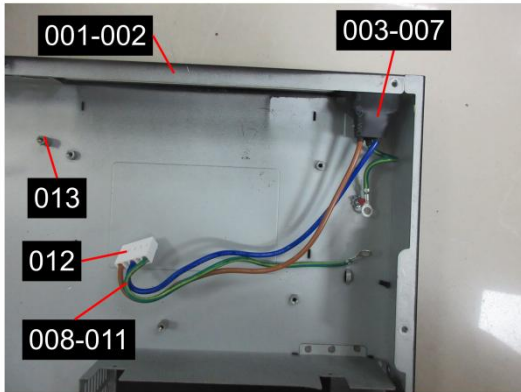


Test Report

Report No. ESTC-240805014

Date: 31 Jul 2025

Page 33 of 38



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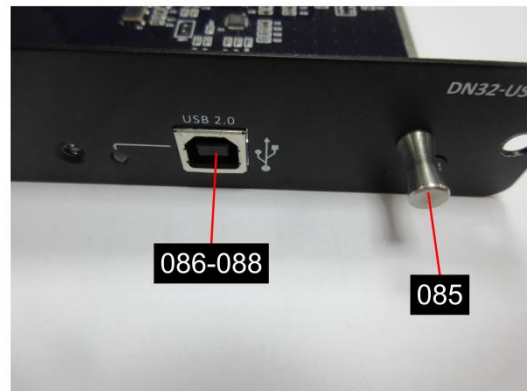
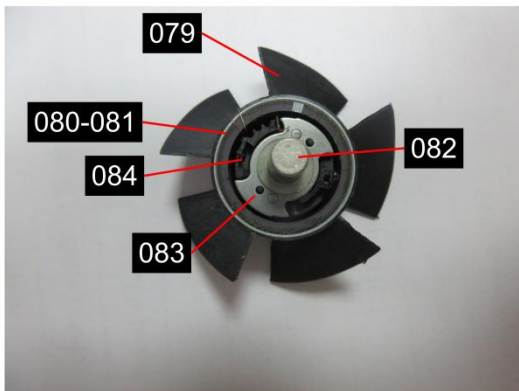
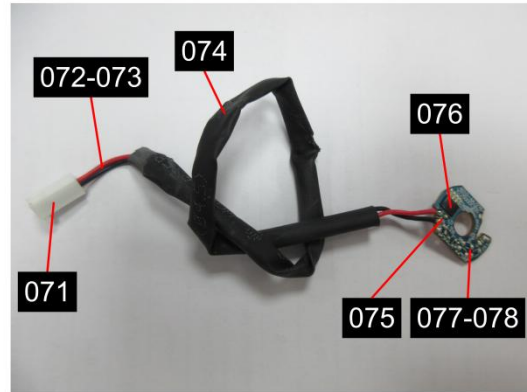
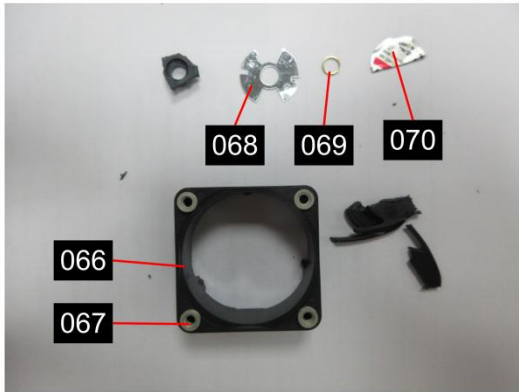
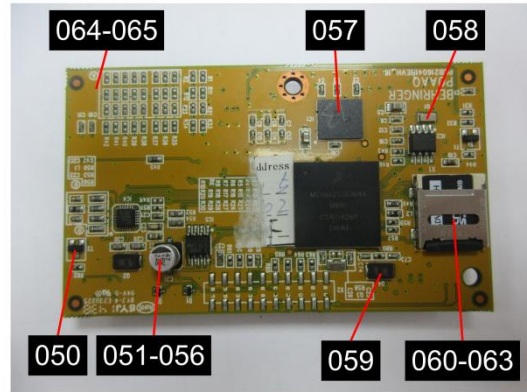
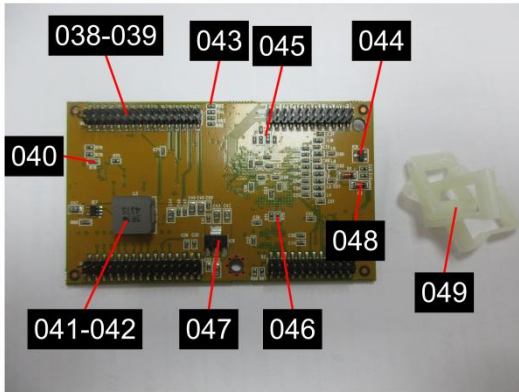


Test Report

Report No. ESTC-240805014

Date: 31 Jul 2025

Page 34 of 38



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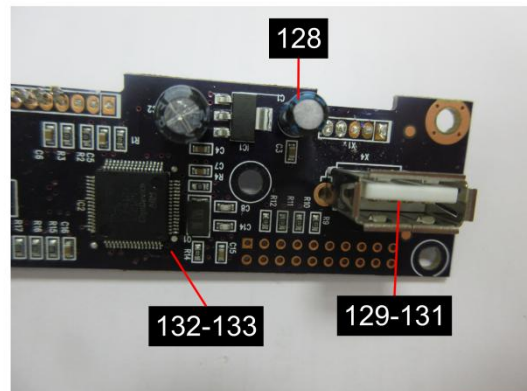
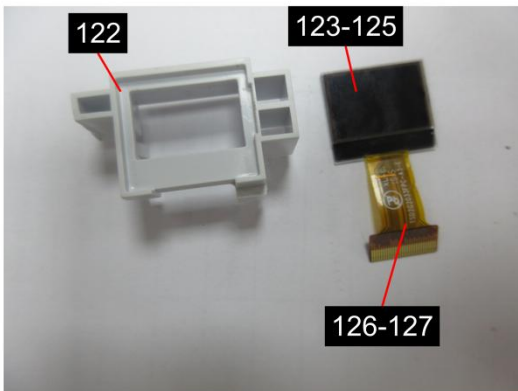
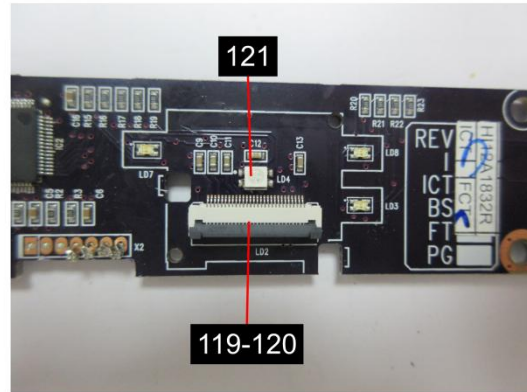
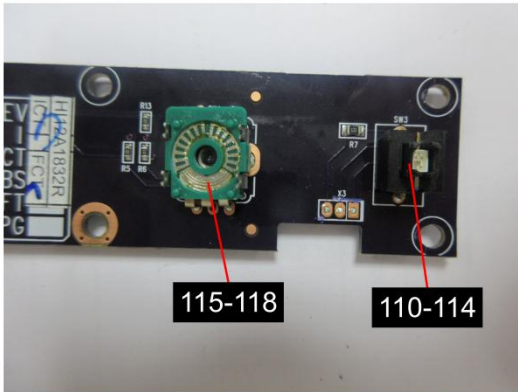
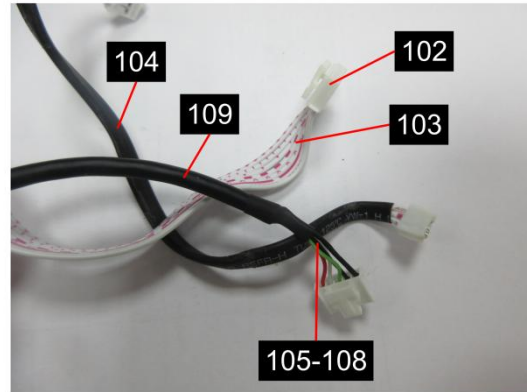
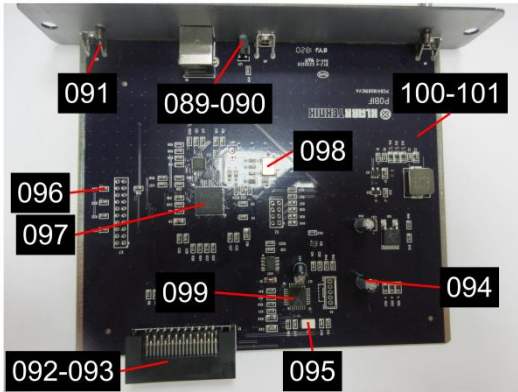


Test Report

Report No. ESTC-240805014

Date: 31 Jul 2025

Page 35 of 38



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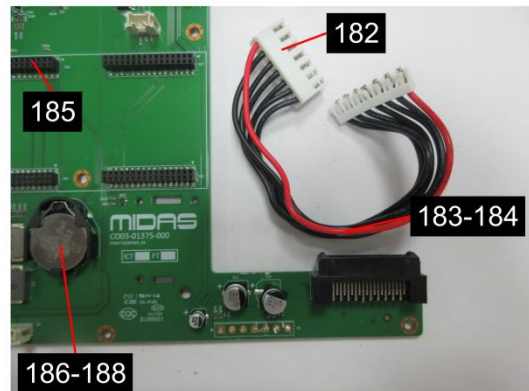
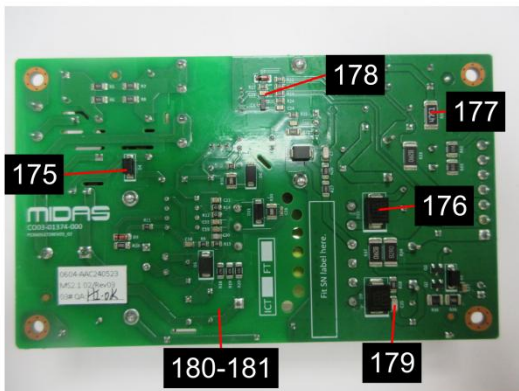
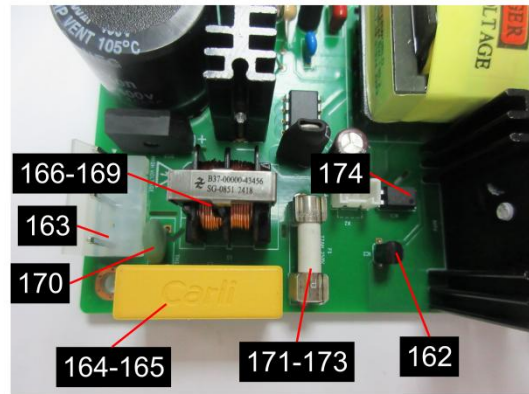
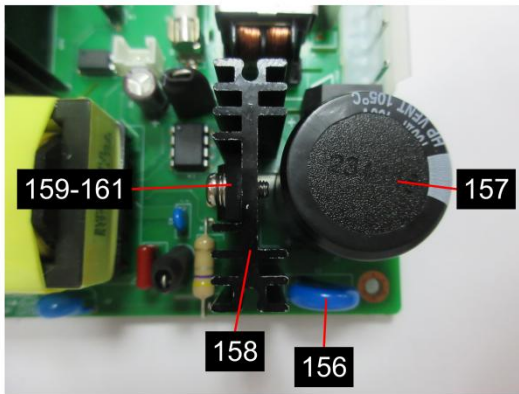
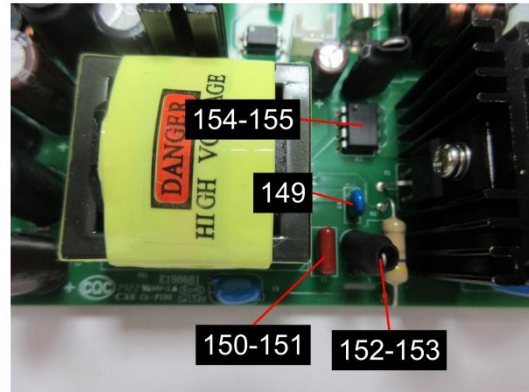
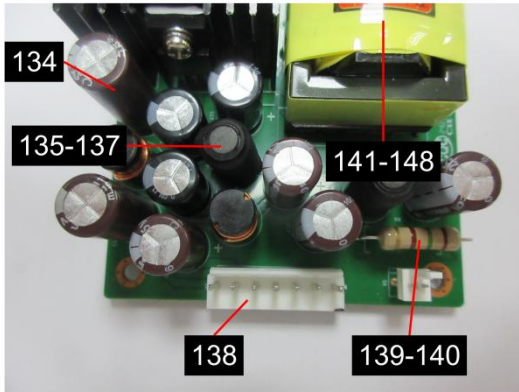


Test Report

Report No. ESTC-240805014

Date: 31 Jul 2025

Page 36 of 38



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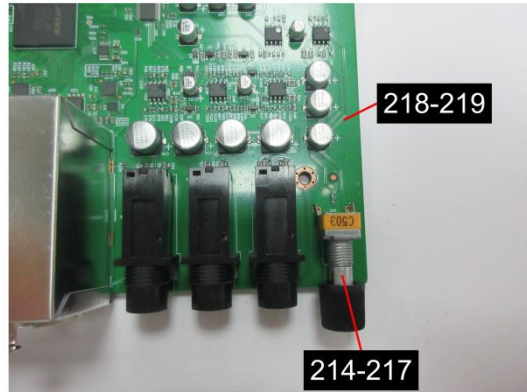
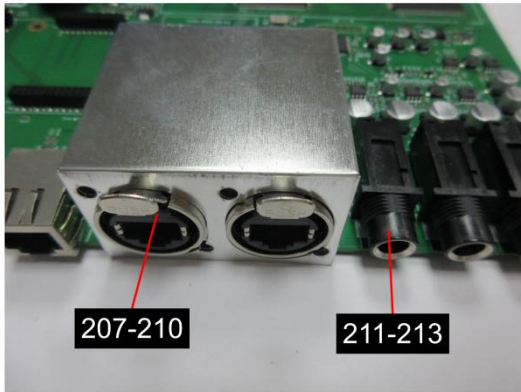
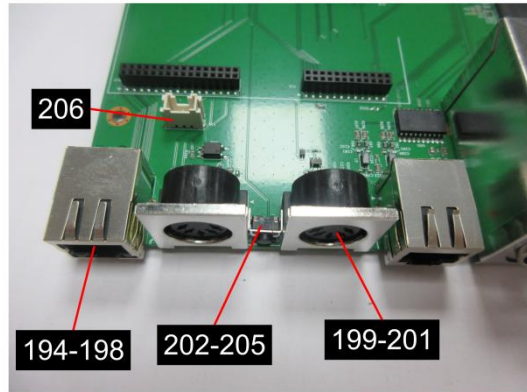
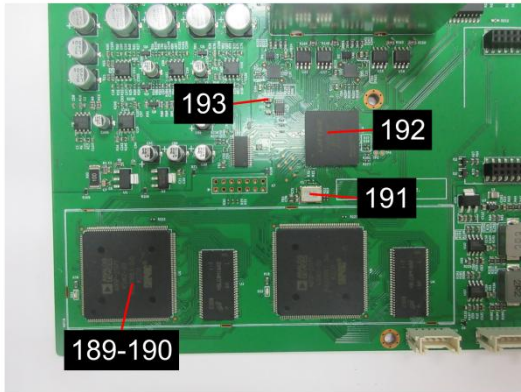


Test Report

Report No. ESTC-240805014

Date: 31 Jul 2025

Page 37 of 38



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Test Report

Report No. ESTC-240805014

Date: 31 Jul 2025

Page 38 of 38

3. Photo of the Submitted Sample



EST Technology authenticate the photo on original report only

**** End of Report ****