

## Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 1 of 36

ZEROPLUS TECHNOLOGY CO., LTD

2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN



**The following sample(s) was/were submitted and identified by/on behalf of the applicant as :**

Sample Submitted By : ZEROPLUS TECHNOLOGY CO., LTD  
Sample Description : LOGIC ANALYZER (邏輯分析儀)  
Style/Item No. : LAP-F1(XXXXXX)M  
Other Info. : THE 1ST/2ND X COULD BE 40 OR 64 FOR CHANNEL DIFFERENCES AND THE 3RD/4TH/5TH/6TH X COULD BE 4/8/16/32/64/128/256/512/1024 FOR MEMORY CAPACITY DIFFERENCES  
Sample Receiving Date : 2017/08/18, 2017/11/03 AND 2017/12/21  
Testing Period : 2017/08/18 TO 2017/08/31, 2017/11/03 TO 2017/11/14 AND 2017/12/21 TO 2017/12/28

**Test Requested** : As requested by client. SVHC final product high risk screening is performed according to: 174 items of the Candidate List published by European Chemicals Agency (ECHA) on 7th July, 2017 including one new additional SVHC published on 16th June, 2017 regarding Regulation (EC) No 1907/2006 concerning the REACH in combination with a simplified AQL approach. 【Remark 5】

**Test Result(s)** : Please refer to following pages.

**Summary** : According to the ruling of the Court of Justice of the European Union on the definition of an article under REACH, AQL sampling and the specified scope as well as analytical technique, the test results of 167 items in the selected component article are  $\leq 0.1\%$  (w/w) as threshold value given in REACH Article 33. 【Remark 5, 6】 【See note N/A\*】

  
Troy Chang, Manager, Tech  
Signed for and on behalf of  
SGS TAIWAN LTD  
Chemical Laboratory - Taipei



## Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 2 of 36

ZEROPLUS TECHNOLOGY CO., LTD

2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN



### Test Sample :

- No.1 : BLACK PAD
- No.2 : RED WIRE
- No.3 : BLACK WIRE
- No.4 : BLACK PLASTIC
- No.5 : BLACK PLASTIC FRAME
- No.6 : BLACK PLASTIC
- No.7 : WHITE PLASTIC
- No.8 : BLACK PLASTIC KEYSTROKE
- No.9 : LED
- No.10 : BLACK PLASTIC CASE
- No.11 : BLUE PLASTIC
- No.12 : PCB (WITHOUT COMPONENT)

### Test Method :

SGS In-House method-RSTS-EE-SVHC-007. Analyzed by ICP-AES, UV-VIS, GC/MS, LC/MS, GC/FPD, LC/MS/DAD, UPLC-MSMS.

## CC/2017/80234



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## Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 3 of 36

ZEROPLUS TECHNOLOGY CO., LTD

2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN



### CC/2017/80234



### CC/2017/80234



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## Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 4 of 36

ZEROPLUS TECHNOLOGY CO., LTD

2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN



### Test Result(s)

Unit: %



No.	Substance Name	RL	Concentration		
			No.1	No.2	No.3
1.	4,4' - Diaminodiphenylmethane (MDA) (CAS No.: 101-77-9)	0.05	n.d.	n.d.	n.d.
2.	5-tert-butyl-2,4,6-trinitro- m-xylene (Musk Xylene) (CAS No.: 81-15-2)	0.05	n.d.	n.d.	n.d.
3.	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (CAS No.: 85535-84-8)	0.05	n.d.	n.d.	n.d.
4.	Anthracene (CAS No.: 120-12-7)	0.05	n.d.	n.d.	n.d.
5.	BBP (Butyl Benzyl phthalate) (CAS No.: 85-68-7)	0.05	n.d.	n.d.	n.d.
6.	Bis(tributyltin)oxide (TBTO)*** (CAS No.: 56-35-9)	-	n.d.	n.d.	n.d.
7.	Diarsenic pentaoxide*** (CAS No.: 1303-28-2)	-	n.d.	n.d.	n.d.
8.	Diarsenic trioxide*** (CAS No.: 1327-53-3)	-	n.d.	n.d.	n.d.
9.	DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	0.05	n.d.	n.d.	n.d.
10.	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified ( $\alpha$ -HBCDD, $\beta$ - HBCDD, $\gamma$ - HBCDD) (CAS No.: 25637-99-4 and 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8))	0.05	n.d.	n.d.	n.d.
11.	Lead hydrogen arsenate*** (CAS No.: 7784-40-9) (※1)	-	n.d.	n.d.	n.d.
12.	Sodium dichromate*** (CAS No.: 7789-12-0; 10588-01-9(**))	-	n.d.	n.d.	n.d.
13.	Triethyl arsenate*** (CAS No.: 15606-95-8)	-	n.d.	n.d.	n.d.
14.	DEHP (Bis (2-ethyl(hexyl) phthalate)) (CAS No.: 117-81-7)	0.05	n.d.	n.d.	n.d.
15.	2,4-Dinitrotoluene (CAS No.: 121-14-2)	0.05	n.d.	n.d.	n.d.
16.	Anthracene oil (CAS No.: 90640-80-5) (**)	0.05	n.d.	n.d.	n.d.
17.	Anthracene oil, anthracene paste (CAS No.: 90640-81-6) (**)	0.05	n.d.	n.d.	n.d.
18.	Anthracene oil, anthracene paste, anthracene fraction (CAS No.: 91995-15-2) (**)	0.05	n.d.	n.d.	n.d.
19.	Anthracene oil, anthracene paste, distn. Lights (CAS No.: 91995-17-4) (**)	0.05	n.d.	n.d.	n.d.
20.	Anthracene oil, anthracene-low (CAS No.: 90640-82-7) (**)	0.05	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 5 of 36

ZEROPLUS TECHNOLOGY CO., LTD

2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN



No.	Substance Name	RL	Concentration		
			No.1	No.2	No.3
21.	DIBP (Di-isobutyl phthalate) (CAS No.: 84-69-5)	0.05	n.d.	n.d.	n.d.
22.	Lead chromate*** (CAS No.: 7758-97-6) (※5)	-	n.d.	n.d.	n.d.
23.	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)*** (CAS No.: 12656-85-8) (※5)	-	n.d.	n.d.	n.d.
24.	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*** (CAS No.: 1344-37-2) (※5)	-	n.d.	n.d.	n.d.
25.	Pitch, coal tar, high-temp. (CAS No.: 65996-93-2) (**)	0.05	n.d.	n.d.	n.d.
26.	Tris(2-chloroethyl) phosphate (TCEP) (CAS No.: 115-96-8)	0.05	n.d.	n.d.	n.d.
27.	Acrylamide (CAS No.: 79-06-1)	0.05	n.d.	n.d.	n.d.
28.	Ammonium dichromate*** (CAS No.: 7789-09-5)	-	n.d.	n.d.	n.d.
29.	Boric acid*** (CAS No.: 10043-35-3; 11113-50-1)	-	n.d.	n.d.	n.d.
30.	Disodium tetraborate, anhydrous*** (CAS No.: 1303-96-4, 1330-43-4, 12179-04-3)	-	n.d.	n.d.	n.d.
31.	Potassium chromate*** (CAS No.: 7789-00-6)	-	n.d.	n.d.	n.d.
32.	Potassium dichromate*** (CAS No.: 7778-50-9)	-	n.d.	n.d.	n.d.
33.	Sodium chromate*** (CAS No.: 7775-11-3)	-	n.d.	n.d.	n.d.
34.	Tetraboron disodium heptaoxide, hydrate (CAS No.: 12267-73-1) ( * 2)	-	n.d.	n.d.	n.d.
35.	Trichloroethylene (CAS No.: 79-01-6)	0.05	n.d.	n.d.	n.d.
36.	2-Ethoxyethanol (CAS No.: 110-80-5)	0.05	n.d.	n.d.	n.d.
37.	2-Methoxyethanol (CAS No.: 109-86-4)	0.05	n.d.	n.d.	n.d.
38.	Acids generated from chromium trioxide and their oligomers: Chromic acid*** (CAS No.: 7738-94-5)	-	n.d.	n.d.	n.d.
	Acids generated from chromium trioxide and their oligomers: Dichromic acid*** (CAS No.: 13530-68-2)	-	n.d.	n.d.	n.d.
	Acids generated from chromium trioxide and their oligomers: Oligomers of chromic acid and dichromic acid ( * 1)	-	n.d.	n.d.	n.d.
39.	Chromium trioxide*** (CAS No.: 1333-82-0)	-	n.d.	n.d.	n.d.
40.	Cobalt(II) carbonate*** (CAS No.: 513-79-1)	-	n.d.	n.d.	n.d.
41.	Cobalt(II) diacetate*** (CAS No.: 71-48-7)	-	n.d.	n.d.	n.d.
42.	Cobalt(II) dinitrate*** (CAS No.: 10141-05-6)	-	n.d.	n.d.	n.d.
43.	Cobalt(II) sulphate*** (CAS No.: 10124-43-3)	-	n.d.	n.d.	n.d.
44.	1,2,3-trichloropropane (CAS No.: 96-18-4)	0.05	n.d.	n.d.	n.d.
45.	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) (CAS No.: 71888-89-6)	0.05	n.d.	n.d.	n.d.
46.	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP) (CAS No.: 68515-42-4)	0.05	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 6 of 36

ZEROPLUS TECHNOLOGY CO., LTD



2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN

No.	Substance Name	RL	Concentration		
			No.1	No.2	No.3
47.	1-methyl-2-pyrrolidone (CAS No.: 872-50-4)	0.05	n.d.	n.d.	n.d.
48.	2-ethoxyethyl acetate (CAS No.: 111-15-9)	0.05	n.d.	n.d.	n.d.
49.	Hydrazine (CAS No.: 7803-57-8; 302-01-2)	0.05	n.d.	n.d.	n.d.
50.	Strontium chromate*** (CAS No.: 7789-06-2)	-	n.d.	n.d.	n.d.
51.	Cobalt dichloride (CAS No.: 7646-79-9)	0.005	n.d.	n.d.	n.d.
52.	1,2-Dichloroethane (CAS No.: 107-06-2)	0.05	n.d.	n.d.	n.d.
53.	2,2'-dichloro- 4,4'-methylenedianiline (MOCA) (CAS No.: 101-14-4)	0.05	n.d.	n.d.	n.d.
54.	2-Methoxyaniline; o-Anisidine (CAS No.: 90-04-0)	0.05	n.d.	n.d.	n.d.
55.	4-(1,1,3,3-tetramethylbutyl) phenol, (4-tert-Octylphenol) (CAS No.: 140-66-9)	0.05	n.d.	n.d.	n.d.
56.	Aluminosilicate, Refractory Ceramic Fibres 【oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges】	0.05	n.d.	n.d.	n.d.
57.	Arsenic acid*** (CAS No.: 7778-39-4)	-	n.d.	n.d.	n.d.
58.	Bis(2-methoxyethyl) ether (CAS No.: 111-96-6)	0.05	n.d.	n.d.	n.d.
59.	Bis(2-methoxyethyl) phthalate (CAS No.: 117-82-8)	0.05	n.d.	n.d.	n.d.
60.	Calcium arsenate*** (CAS No.: 7778-44-1)	-	n.d.	n.d.	n.d.
61.	Dichromium tris (chromate)*** (CAS No.: 24613-89-6)	-	n.d.	n.d.	n.d.
62.	Formaldehyde, oligomeric reaction products with aniline (technical MDA) (CAS No.: 25214-70-4)	0.05	n.d.	n.d.	n.d.
63.	Lead diazide, Lead azide*** (CAS No.: 13424-46-9)	-	n.d.	n.d.	n.d.
64.	Lead dipicrate*** (CAS No.: 6477-64-1)	-	n.d.	n.d.	n.d.
65.	Lead styphnate*** (CAS No.: 15245-44-0)	-	n.d.	n.d.	n.d.
66.	N,N-dimethylacetamide (DMAC) (CAS No.: 127-19-5)	0.05	n.d.	n.d.	n.d.
67.	Pentazinc chromate octahydroxide*** (CAS No.: 49663-84-5)	-	n.d.	n.d.	n.d.
68.	Phenolphthalein (CAS No.: 77-09-8)	0.05	n.d.	n.d.	n.d.
69.	Potassium hydroxyoctaoxodizincatedi- chromate*** (CAS No.: 11103-86-9)	-	n.d.	n.d.	n.d.
70.	Trilead diarsenate*** (CAS No.: 3687-31-8) (※1)	-	n.d.	n.d.	n.d.
71.	Zirconia Aluminosilicate, Refractory Ceramic Fibres 【oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges】	0.05	n.d.	n.d.	n.d.
72.	[4-[[4-anilino-1-naphthyl] [4-(dimethylamino) phenyl] methylene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) (CAS No.: 2580-56-5) [with ≥ 0.1% of Michler's ketone or Michler's base]	0.05	n.d.	n.d.	n.d.
73.	[4-[4,4'-bis(dimethylamino) benzhydrylidene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3) (CAS No.: 548-62-9) [with ≥ 0.1% of Michler's ketone or Michler's base]	0.05	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 7 of 36

ZEROPLUS TECHNOLOGY CO., LTD



2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN

No.	Substance Name	RL	Concentration		
			No.1	No.2	No.3
74.	1,2-bis (2-methoxyethoxy) ethane (TEGDME; triglyme) (CAS No.: 112-49-2)	0.05	n.d.	n.d.	n.d.
75.	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) (CAS No.: 110-71-4)	0.05	n.d.	n.d.	n.d.
76.	TGIC (1,3,5-tris(oxiranylmethyl)- 1,3,5-triazine-2,4,6 (1H,3H,5H)-trione) (CAS No.: 2451-62-9)	0.05	n.d.	n.d.	n.d.
77.	β-TGIC (1,3,5-tris [(2S and 2R)-2,3-epoxypropyl]- 1,3,5-triazine-2,4,6- (1H,3H,5H)-trione) (CAS No.: 59653-74-6) (※3)	0.05	n.d.	n.d.	n.d.
78.	4,4'-bis (dimethylamino)-4''-(methylamino) trityl alcohol (CAS No.: 561-41-1) [with ≥ 0.1% of Michler's ketone or Michler's base]	0.05	n.d.	n.d.	n.d.
79.	4,4'-bis (dimethylamino) benzophenone (Michler's ketone) (CAS No.: 90-94-8)	0.05	n.d.	n.d.	n.d.
80.	Diboron trioxide*** (CAS No.: 1303-86-2)	-	n.d.	n.d.	n.d.
81.	Formamide (CAS No.: 75-12-7)	0.05	n.d.	n.d.	n.d.
82.	Lead(II) bis(methanesulfonate)*** (CAS No.: 17570-76-2)	-	n.d.	n.d.	n.d.
83.	N,N,N',N'-tetramethyl- 4,4'-methylenedianiline (Michler's base) (CAS No.: 101-61-1)	0.05	n.d.	n.d.	n.d.
84.	α,α-Bis[4-(dimethylamino) phenyl]-4 (phenylamino) naphthalene-1-methanol (C.I. Solvent Blue 4) (CAS No.: 6786-83-0) [with ≥ 0.1% of Michler's ketone or Michler's base]	0.05	n.d.	n.d.	n.d.
85.	[Phthalato(2-)] dioxotrilead*** (CAS No.: 69011-06-9)	-	n.d.	n.d.	n.d.
86.	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear (CAS No.: 84777-06-0)	0.05	n.d.	n.d.	n.d.
87.	1,2-Diethoxyethane (CAS No.: 629-14-1)	0.05	n.d.	n.d.	n.d.
88.	1-bromopropane (CAS No.: 106-94-5)	0.05	n.d.	n.d.	n.d.
89.	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine (CAS No.: 143860-04-2)	0.05	n.d.	n.d.	n.d.
90.	4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.05	n.d.	n.d.	n.d.
91.	4,4'-methylenedi-o-toluidine (CAS No.: 838-88-0)	0.05	n.d.	n.d.	n.d.
92.	4,4'-oxydianiline and its salts (CAS No.: 101-80-4)	0.05	n.d.	n.d.	n.d.
93.	4-Aminoazobenzene (CAS No.: 60-09-3)	0.05	n.d.	n.d.	n.d.
94.	4-methyl-m-phenylenediamine (2,4-toluenediamine) (CAS No.: 95-80-7)	0.05	n.d.	n.d.	n.d.
95.	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]	0.05	n.d.	n.d.	n.d.
96.	6-methoxy-m-toluidine (p-cresidine) (CAS No.: 120-71-8)	0.05	n.d.	n.d.	n.d.
97.	Acetic acid, lead salt, basic*** (CAS No.: 51404-69-4)	-	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 8 of 36

ZEROPLUS TECHNOLOGY CO., LTD

2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN



No.	Substance Name	RL	Concentration		
			No.1	No.2	No.3
98.	Biphenyl-4-ylamine (CAS No.: 92-67-1)	0.05	n.d.	n.d.	n.d.
99.	Bis(pentabromophenyl) ether (DecaBDE) (CAS No.: 1163-19-5)	0.05	n.d.	n.d.	n.d.
100.	Cyclohexane-1,2-dicarboxylic anhydride (HHPA), cis-cyclohexane-1,2- dicarboxylic anhydride, trans-cyclohexane-1,2- dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA) (CAS No.: 85-42-7, 13149-00-3, 14166-21-3)	0.05	n.d.	n.d.	n.d.
101.	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (CAS No.: 123-77-3)	0.05	n.d.	n.d.	n.d.
102.	Dibutyltin dichloride (DBTC)*** (CAS No.: 683-18-1)	-	n.d.	n.d.	n.d.
103.	Diethyl sulphate (CAS No.: 64-67-5)	0.05	n.d.	n.d.	n.d.
104.	Diisopentylphthalate (CAS No.: 605-50-5)	0.05	n.d.	n.d.	n.d.
105.	Dimethyl sulphate (CAS No.: 77-78-1)	0.05	n.d.	n.d.	n.d.
106.	Dinoseb (CAS No.: 88-85-7)	0.05	n.d.	n.d.	n.d.
107.	Dioxobis(stearato) trilead*** (CAS No.: 12578-12-0)	-	n.d.	n.d.	n.d.
108.	Fatty acids, C16-18, lead salts*** (CAS No.: 91031-62-8)	-	n.d.	n.d.	n.d.
109.	Furan (CAS No.: 110-00-9)	0.05	n.d.	n.d.	n.d.
110.	Henicosafuoroundecanoic acid (CAS No.: 2058-94-8)	0.05	n.d.	n.d.	n.d.
111.	Heptacosafuorotetradecanoic acid (CAS No.: 376-06-7)	0.05	n.d.	n.d.	n.d.
112.	Hexahydromethylphthalic anhydride (CAS No.: 25550-51-0) Hexahydro-4-methylphthalic anhydride (CAS No.: 19438-60-9) Hexahydro-1-methylphthalic anhydride (CAS No.: 48122-14-1) Hexahydro-3-methylphthalic anhydride (CAS No.: 57110-29-9)	0.05	n.d.	n.d.	n.d.
113.	Lead bis(tetrafluoroborate)*** (CAS No.: 13814-96-5)	-	n.d.	n.d.	n.d.
114.	Lead cyanamidate*** (CAS No.: 20837-86-9)	-	n.d.	n.d.	n.d.
115.	Lead dinitrate*** (CAS No.: 10099-74-8)	-	n.d.	n.d.	n.d.
116.	Lead oxide (lead monoxide)*** (CAS No.: 1317-36-8)	-	n.d.	n.d.	n.d.
117.	Lead oxide sulfate*** (CAS No.: 12036-76-9)	-	n.d.	n.d.	n.d.
118.	Lead titanium trioxide*** (CAS No.: 12060-00-3)	-	n.d.	n.d.	n.d.
119.	Lead Titanium Zirconium Oxide*** (CAS No.: 12626-81-2)	-	n.d.	n.d.	n.d.
120.	Methoxy acetic acid (CAS No.: 625-45-6)	0.05	n.d.	n.d.	n.d.
121.	Propylene oxide; 1,2-epoxypropane; methyloxirane (CAS No.: 75-56-9)	0.05	n.d.	n.d.	n.d.
122.	N,N-dimethylformamide; dimethyl formamide (CAS No.: 68-12-2)	0.05	n.d.	n.d.	n.d.
123.	N-methylacetamide (CAS No.: 79-16-3)	0.05	n.d.	n.d.	n.d.
124.	N-pentyl-isopentylphthalate (CAS No.: 776297-69-9)	0.05	n.d.	n.d.	n.d.
125.	o-aminoazotoluene (CAS No.: 97-56-3)	0.05	n.d.	n.d.	n.d.
126.	Lead tetroxide (orange lead)*** (CAS No.: 1314-41-6)	-	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 9 of 36

ZEROPLUS TECHNOLOGY CO., LTD



2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN

No.	Substance Name	RL	Concentration		
			No.1	No.2	No.3
127.	o-Toluidine; 2-Aminotoluene (CAS No.: 95-53-4)	0.05	n.d.	n.d.	n.d.
128.	Pentacosfluorotridecanoic acid (CAS No.: 72629-94-8)	0.05	n.d.	n.d.	n.d.
129.	Pentalead tetraoxide sulphate*** (CAS No.: 12065-90-6)	-	n.d.	n.d.	n.d.
130.	Pyrochlore, antimony lead yellow*** (CAS No.: 8012-00-8)	-	n.d.	n.d.	n.d.
131.	Silicic acid, barium salt, lead-doped (※4) (CAS No.: 68784-75-8)	0.05	n.d.	n.d.	n.d.
132.	Silicic acid, lead salt*** (CAS No.: 11120-22-2)	-	n.d.	n.d.	n.d.
133.	Sulfurous acid, lead salt, dibasic*** (CAS No.: 62229-08-7)	-	n.d.	n.d.	n.d.
134.	Tetraethyllead*** (CAS No.: 78-00-2)	-	n.d.	n.d.	n.d.
135.	Tetralead trioxide sulphate*** (CAS No.: 12202-17-4)	-	n.d.	n.d.	n.d.
136.	Tricosfluorododecanoic acid (CAS No.: 307-55-1)	0.05	n.d.	n.d.	n.d.
137.	Trilead bis(carbonate) dihydroxide (basic lead carbonate)*** (CAS No.: 1319-46-6)	-	n.d.	n.d.	n.d.
138.	Trilead dioxide phosphonate*** (CAS No.: 12141-20-7)	-	n.d.	n.d.	n.d.
139.	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]	0.05	n.d.	n.d.	n.d.
140.	Ammoniumpentadecafluorooctanoate (APFO)*** (CAS No.: 3825-26-1)	-	n.d.	n.d.	n.d.
141.	Cadmium (Cd) (CAS No.: 7440-43-9)	0.005	n.d.	n.d.	n.d.
142.	Cadmium oxide*** (CAS No.: 1306-19-0)	-	n.d.	n.d.	n.d.
143.	Dipentyl phthalate (CAS No.: 131-18-0)	0.05	n.d.	n.d.	n.d.
144.	Pentadecafluorooctanoic acid (PFOA) (CAS No.: 335-67-1)	0.05	n.d.	n.d.	n.d.
145.	Cadmium sulphide*** (CAS No.: 1306-23-6)	-	n.d.	n.d.	n.d.
146.	Dihexyl phthalate (CAS No.: 84-75-3)	0.05	n.d.	n.d.	n.d.
147.	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) (CAS No.: 573-58-0)	0.05	n.d.	n.d.	n.d.
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) (CAS No.: 1937-37-7)	0.05	n.d.	n.d.	n.d.
149.	Imidazolidine-2-thione; 2-imidazoline-2-thiol (CAS No.: 96-45-7)	0.05	n.d.	n.d.	n.d.
150.	Lead di(acetate)*** (CAS No.: 301-04-2)	-	n.d.	n.d.	n.d.
151.	Trixylyl phosphate (CAS No.: 25155-23-1)	0.05	n.d.	n.d.	n.d.
152.	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (CAS No.: 68515-50-4)	0.05	n.d.	n.d.	n.d.
153.	Cadmium chloride*** (CAS No.: 10108-64-2)	-	n.d.	n.d.	n.d.
154.	Sodium perborate; perboric acid, sodium salt***	-	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 10 of 36

ZEROPLUS TECHNOLOGY CO., LTD



2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN

No.	Substance Name	RL	Concentration		
			No.1	No.2	No.3
155.	Sodium peroxometaborate*** (CAS No.: 7632-04-4)	-	n.d.	n.d.	n.d.
156.	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) (CAS No.: 25973-55-1)	0.05	n.d.	n.d.	n.d.
157.	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) (CAS No.: 3846-71-7)	0.05	n.d.	n.d.	n.d.
158.	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)*** (CAS No.: 15571-58-1)	-	n.d.	n.d.	n.d.
159.	Cadmium fluoride*** (CAS No.: 7790-79-6)	-	n.d.	n.d.	n.d.
160.	Cadmium sulphate*** (CAS No.: 10124-36-4; 31119-53-6)	-	n.d.	n.d.	n.d.
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)***	-	n.d.	n.d.	n.d.
162.	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (CAS No.: 68515-51-5; 68648-93-1)	0.05	n.d.	n.d.	n.d.
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]	0.05	n.d.	n.d.	n.d.
164.	1,3-propanesultone (CAS No.: 214-317-9)	0.05	n.d.	n.d.	n.d.
165.	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) (CAS No.: 223-383-8)	0.05	n.d.	n.d.	n.d.
166.	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) (CAS No.: 253-037-1)	0.05	n.d.	n.d.	n.d.
167.	Nitrobenzene (CAS No.: 202-716-0)	0.05	n.d.	n.d.	n.d.
168.	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-heptadecafluorononanoic acid and its sodium and ammonium salts (CAS No.: 206-801-3)	0.05	n.d.	n.d.	n.d.
169.	Benzo[def]chrysene (Benzo[a]pyrene) (CAS No.: 50-32-8)	0.05	n.d.	n.d.	n.d.
170.	4,4'-isopropylidenediphenol (Bisphenol A) (CAS No.: 80-05-7)	0.05	n.d.	n.d.	n.d.
171.	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]	0.05	n.d.	n.d.	n.d.
172.	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts (CAS No.: 3108-42-7, 335-76-2, 3830-45-3)	0.05	n.d.	n.d.	n.d.
173.	p-(1,1-dimethylpropyl) phenol (PTAP) (CAS No.: 80-46-6)	0.05	n.d.	n.d.	n.d.
174.	Perfluorohexane-1-sulphonic acid and its salts (PFHxS) (CAS No.: 355-46-4)	0.05	n.d.	n.d.	n.d.

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## Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 11 of 36

ZEROPLUS TECHNOLOGY CO., LTD

2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN



No.	Substance Name	RL	Concentration		
			No.4	No.5	No.6
1.	4,4' - Diaminodiphenylmethane (MDA) (CAS No.: 101-77-9)	0.05	n.d.	n.d.	n.d.
2.	5-tert-butyl-2,4,6-trinitro- m-xylene (Musk Xylene) (CAS No.: 81-15-2)	0.05	n.d.	n.d.	n.d.
3.	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (CAS No.: 85535-84-8)	0.05	n.d.	n.d.	n.d.
4.	Anthracene (CAS No.: 120-12-7)	0.05	n.d.	n.d.	n.d.
5.	BBP (Butyl Benzyl phthalate) (CAS No.: 85-68-7)	0.05	n.d.	n.d.	n.d.
6.	Bis(tributyltin)oxide (TBTO)*** (CAS No.: 56-35-9)	-	n.d.	n.d.	n.d.
7.	Diarsenic pentaoxide*** (CAS No.: 1303-28-2)	-	n.d.	n.d.	n.d.
8.	Diarsenic trioxide*** (CAS No.: 1327-53-3)	-	n.d.	n.d.	n.d.
9.	DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	0.05	n.d.	n.d.	n.d.
10.	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified ( $\alpha$ -HBCDD, $\beta$ - HBCDD, $\gamma$ - HBCDD) (CAS No.: 25637-99-4 and 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8))	0.05	n.d.	n.d.	n.d.
11.	Lead hydrogen arsenate*** (CAS No.: 7784-40-9) (※1)	-	n.d.	n.d.	n.d.
12.	Sodium dichromate*** (CAS No.: 7789-12-0; 10588-01-9(**))	-	n.d.	n.d.	n.d.
13.	Triethyl arsenate*** (CAS No.: 15606-95-8)	-	n.d.	n.d.	n.d.
14.	DEHP (Bis (2-ethyl(hexyl) phthalate)) (CAS No.: 117-81-7)	0.05	n.d.	n.d.	n.d.
15.	2,4-Dinitrotoluene (CAS No.: 121-14-2)	0.05	n.d.	n.d.	n.d.
16.	Anthracene oil (CAS No.: 90640-80-5) (**)	0.05	n.d.	n.d.	n.d.
17.	Anthracene oil, anthracene paste (CAS No.: 90640-81-6) (**)	0.05	n.d.	n.d.	n.d.
18.	Anthracene oil, anthracene paste, anthracene fraction (CAS No.: 91995-15-2) (**)	0.05	n.d.	n.d.	n.d.
19.	Anthracene oil, anthracene paste, distn. Lights (CAS No.: 91995-17-4) (**)	0.05	n.d.	n.d.	n.d.
20.	Anthracene oil, anthracene-low (CAS No.: 90640-82-7) (**)	0.05	n.d.	n.d.	n.d.
21.	DIBP (Di-isobutyl phthalate) (CAS No.: 84-69-5)	0.05	n.d.	n.d.	n.d.
22.	Lead chromate*** (CAS No.: 7758-97-6) (※5)	-	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 12 of 36

ZEROPLUS TECHNOLOGY CO., LTD



2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN

No.	Substance Name	RL	Concentration		
			No.4	No.5	No.6
23.	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)*** (CAS No.: 12656-85-8) (※5)	-	n.d.	n.d.	n.d.
24.	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*** (CAS No.: 1344-37-2) (※5)	-	n.d.	n.d.	n.d.
25.	Pitch, coal tar, high-temp. (CAS No.: 65996-93-2) (**)	0.05	n.d.	n.d.	n.d.
26.	Tris(2-chloroethyl) phosphate (TCEP) (CAS No.: 115-96-8)	0.05	n.d.	n.d.	n.d.
27.	Acrylamide (CAS No.: 79-06-1)	0.05	n.d.	n.d.	n.d.
28.	Ammonium dichromate*** (CAS No.: 7789-09-5)	-	n.d.	n.d.	n.d.
29.	Boric acid*** (CAS No.: 10043-35-3; 11113-50-1)	-	n.d.	n.d.	n.d.
30.	Disodium tetraborate, anhydrous*** (CAS No.: 1303-96-4, 1330-43-4, 12179-04-3)	-	n.d.	n.d.	n.d.
31.	Potassium chromate*** (CAS No.: 7789-00-6)	-	n.d.	n.d.	n.d.
32.	Potassium dichromate*** (CAS No.: 7778-50-9)	-	n.d.	n.d.	n.d.
33.	Sodium chromate*** (CAS No.: 7775-11-3)	-	n.d.	n.d.	n.d.
34.	Tetraboron disodium heptaoxide, hydrate (CAS No.: 12267-73-1) ( * 2)	-	n.d.	n.d.	n.d.
35.	Trichloroethylene (CAS No.: 79-01-6)	0.05	n.d.	n.d.	n.d.
36.	2-Ethoxyethanol (CAS No.: 110-80-5)	0.05	n.d.	n.d.	n.d.
37.	2-Methoxyethanol (CAS No.: 109-86-4)	0.05	n.d.	n.d.	n.d.
38.	Acids generated from chromium trioxide and their oligomers: Chromic acid*** (CAS No.: 7738-94-5)	-	n.d.	n.d.	n.d.
	Acids generated from chromium trioxide and their oligomers: Dichromic acid*** (CAS No.: 13530-68-2)	-	n.d.	n.d.	n.d.
	Acids generated from chromium trioxide and their oligomers: Oligomers of chromic acid and dichromic acid ( * 1)	-	n.d.	n.d.	n.d.
39.	Chromium trioxide*** (CAS No.: 1333-82-0)	-	n.d.	n.d.	n.d.
40.	Cobalt(II) carbonate*** (CAS No.: 513-79-1)	-	n.d.	n.d.	n.d.
41.	Cobalt(II) diacetate*** (CAS No.: 71-48-7)	-	n.d.	n.d.	n.d.
42.	Cobalt(II) dinitrate*** (CAS No.: 10141-05-6)	-	n.d.	n.d.	n.d.
43.	Cobalt(II) sulphate*** (CAS No.: 10124-43-3)	-	n.d.	n.d.	n.d.
44.	1,2,3-trichloropropane (CAS No.: 96-18-4)	0.05	n.d.	n.d.	n.d.
45.	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) (CAS No.: 71888-89-6)	0.05	n.d.	n.d.	n.d.
46.	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP) (CAS No.: 68515-42-4)	0.05	n.d.	n.d.	n.d.
47.	1-methyl-2-pyrrolidone (CAS No.: 872-50-4)	0.05	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 13 of 36

ZEROPLUS TECHNOLOGY CO., LTD



2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN

No.	Substance Name	RL	Concentration		
			No.4	No.5	No.6
48.	2-ethoxyethyl acetate (CAS No.: 111-15-9)	0.05	n.d.	n.d.	n.d.
49.	Hydrazine (CAS No.: 7803-57-8; 302-01-2)	0.05	n.d.	n.d.	n.d.
50.	Strontium chromate*** (CAS No.: 7789-06-2)	-	n.d.	n.d.	n.d.
51.	Cobalt dichloride (CAS No.: 7646-79-9)	0.005	n.d.	n.d.	n.d.
52.	1,2-Dichloroethane (CAS No.: 107-06-2)	0.05	n.d.	n.d.	n.d.
53.	2,2'-dichloro- 4,4'-methylenedianiline (MOCA) (CAS No.: 101-14-4)	0.05	n.d.	n.d.	n.d.
54.	2-Methoxyaniline; o-Anisidine (CAS No.: 90-04-0)	0.05	n.d.	n.d.	n.d.
55.	4-(1,1,3,3-tetramethylbutyl) phenol, (4-tert-Octylphenol) (CAS No.: 140-66-9)	0.05	n.d.	n.d.	n.d.
56.	Aluminosilicate, Refractory Ceramic Fibres 【oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges】	0.05	n.d.	n.d.	n.d.
57.	Arsenic acid*** (CAS No.: 7778-39-4)	-	n.d.	n.d.	n.d.
58.	Bis(2-methoxyethyl) ether (CAS No.: 111-96-6)	0.05	n.d.	n.d.	n.d.
59.	Bis(2-methoxyethyl) phthalate (CAS No.: 117-82-8)	0.05	n.d.	n.d.	n.d.
60.	Calcium arsenate*** (CAS No.: 7778-44-1)	-	n.d.	n.d.	n.d.
61.	Dichromium tris (chromate)*** (CAS No.: 24613-89-6)	-	n.d.	n.d.	n.d.
62.	Formaldehyde, oligomeric reaction products with aniline (technical MDA) (CAS No.: 25214-70-4)	0.05	n.d.	n.d.	n.d.
63.	Lead diazide, Lead azide*** (CAS No.: 13424-46-9)	-	n.d.	n.d.	n.d.
64.	Lead dipicrate*** (CAS No.: 6477-64-1)	-	n.d.	n.d.	n.d.
65.	Lead styphnate*** (CAS No.: 15245-44-0)	-	n.d.	n.d.	n.d.
66.	N,N-dimethylacetamide (DMAC) (CAS No.: 127-19-5)	0.05	n.d.	n.d.	n.d.
67.	Pentazinc chromate octahydroxide*** (CAS No.: 49663-84-5)	-	n.d.	n.d.	n.d.
68.	Phenolphthalein (CAS No.: 77-09-8)	0.05	n.d.	n.d.	n.d.
69.	Potassium hydroxyoctaoxodizincatedi- chromate*** (CAS No.: 11103-86-9)	-	n.d.	n.d.	n.d.
70.	Trilead diarsenate*** (CAS No.: 3687-31-8) (※1)	-	n.d.	n.d.	n.d.
71.	Zirconia Aluminosilicate, Refractory Ceramic Fibres 【oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges】	0.05	n.d.	n.d.	n.d.
72.	[4-[[4-anilino-1-naphthyl] [4-(dimethylamino) phenyl] methylene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) (CAS No.: 2580-56-5) [with ≥ 0.1% of Michler's ketone or Michler's base]	0.05	n.d.	n.d.	n.d.
73.	[4-[4,4'-bis(dimethylamino) benzhydrylidene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3) (CAS No.: 548-62-9) [with ≥ 0.1% of Michler's ketone or Michler's base]	0.05	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 14 of 36

ZEROPLUS TECHNOLOGY CO., LTD



2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN

No.	Substance Name	RL	Concentration		
			No.4	No.5	No.6
74.	1,2-bis (2-methoxyethoxy) ethane (TEGDME; triglyme) (CAS No.: 112-49-2)	0.05	n.d.	n.d.	n.d.
75.	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) (CAS No.: 110-71-4)	0.05	n.d.	n.d.	n.d.
76.	TGIC (1,3,5-tris(oxiranylmethyl)- 1,3,5-triazine-2,4,6 (1H,3H,5H)-trione) (CAS No.: 2451-62-9)	0.05	n.d.	n.d.	n.d.
77.	β-TGIC (1,3,5-tris [(2S and 2R)-2,3-epoxypropyl]- 1,3,5-triazine-2,4,6- (1H,3H,5H)-trione) (CAS No.: 59653-74-6) (※3)	0.05	n.d.	n.d.	n.d.
78.	4,4'-bis (dimethylamino)-4''-(methylamino) trityl alcohol (CAS No.: 561-41-1) [with ≥ 0.1% of Michler's ketone or Michler's base]	0.05	n.d.	n.d.	n.d.
79.	4,4'-bis (dimethylamino) benzophenone (Michler's ketone) (CAS No.: 90-94-8)	0.05	n.d.	n.d.	n.d.
80.	Diboron trioxide*** (CAS No.: 1303-86-2)	-	n.d.	n.d.	n.d.
81.	Formamide (CAS No.: 75-12-7)	0.05	n.d.	n.d.	n.d.
82.	Lead(II) bis(methanesulfonate)*** (CAS No.: 17570-76-2)	-	n.d.	n.d.	n.d.
83.	N,N,N',N'-tetramethyl- 4,4'-methylenedianiline (Michler's base) (CAS No.: 101-61-1)	0.05	n.d.	n.d.	n.d.
84.	α,α-Bis[4-(dimethylamino) phenyl]-4 (phenylamino) naphthalene-1-methanol (C.I. Solvent Blue 4) (CAS No.: 6786-83-0) [with ≥ 0.1% of Michler's ketone or Michler's base]	0.05	n.d.	n.d.	n.d.
85.	[Phthalato(2-)] dioxotrilead*** (CAS No.: 69011-06-9)	-	n.d.	n.d.	n.d.
86.	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear (CAS No.: 84777-06-0)	0.05	n.d.	n.d.	n.d.
87.	1,2-Diethoxyethane (CAS No.: 629-14-1)	0.05	n.d.	n.d.	n.d.
88.	1-bromopropane (CAS No.: 106-94-5)	0.05	n.d.	n.d.	n.d.
89.	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine (CAS No.: 143860-04-2)	0.05	n.d.	n.d.	n.d.
90.	4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.05	n.d.	n.d.	n.d.
91.	4,4'-methylenedi-o-toluidine (CAS No.: 838-88-0)	0.05	n.d.	n.d.	n.d.
92.	4,4'-oxydianiline and its salts (CAS No.: 101-80-4)	0.05	n.d.	n.d.	n.d.
93.	4-Aminoazobenzene (CAS No.: 60-09-3)	0.05	n.d.	n.d.	n.d.
94.	4-methyl-m-phenylenediamine (2,4-toluenediamine) (CAS No.: 95-80-7)	0.05	n.d.	n.d.	n.d.
95.	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]	0.05	n.d.	n.d.	n.d.
96.	6-methoxy-m-toluidine (p-cresidine) (CAS No.: 120-71-8)	0.05	n.d.	n.d.	n.d.
97.	Acetic acid, lead salt, basic*** (CAS No.: 51404-69-4)	-	n.d.	n.d.	n.d.
98.	Biphenyl-4-ylamine (CAS No.: 92-67-1)	0.05	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 15 of 36

ZEROPLUS TECHNOLOGY CO., LTD



2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN

No.	Substance Name	RL	Concentration		
			No.4	No.5	No.6
99.	Bis(pentabromophenyl) ether (DecaBDE) (CAS No.: 1163-19-5)	0.05	n.d.	n.d.	n.d.
100.	Cyclohexane-1,2-dicarboxylic anhydride (HHPA), cis-cyclohexane-1,2- dicarboxylic anhydride, trans-cyclohexane-1,2- dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA) (CAS No.: 85-42-7, 13149-00-3, 14166-21-3)	0.05	n.d.	n.d.	n.d.
101.	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (CAS No.: 123-77-3)	0.05	n.d.	n.d.	n.d.
102.	Dibutyltin dichloride (DBTC)*** (CAS No.: 683-18-1)	-	n.d.	n.d.	n.d.
103.	Diethyl sulphate (CAS No.: 64-67-5)	0.05	n.d.	n.d.	n.d.
104.	Diisopentylphthalate (CAS No.: 605-50-5)	0.05	n.d.	n.d.	n.d.
105.	Dimethyl sulphate (CAS No.: 77-78-1)	0.05	n.d.	n.d.	n.d.
106.	Dinoseb (CAS No.: 88-85-7)	0.05	n.d.	n.d.	n.d.
107.	Dioxobis(stearato) trilead*** (CAS No.: 12578-12-0)	-	n.d.	n.d.	n.d.
108.	Fatty acids, C16-18, lead salts*** (CAS No.: 91031-62-8)	-	n.d.	n.d.	n.d.
109.	Furan (CAS No.: 110-00-9)	0.05	n.d.	n.d.	n.d.
110.	Henicosafuoroundecanoic acid (CAS No.: 2058-94-8)	0.05	n.d.	n.d.	n.d.
111.	Heptacosafuorotetradecanoic acid (CAS No.: 376-06-7)	0.05	n.d.	n.d.	n.d.
112.	Hexahydromethylphthalic anhydride (CAS No.: 25550-51-0) Hexahydro-4-methylphthalic anhydride (CAS No.: 19438-60-9) Hexahydro-1-methylphthalic anhydride (CAS No.: 48122-14-1) Hexahydro-3-methylphthalic anhydride (CAS No.: 57110-29-9)	0.05	n.d.	n.d.	n.d.
113.	Lead bis(tetrafluoroborate)*** (CAS No.: 13814-96-5)	-	n.d.	n.d.	n.d.
114.	Lead cyanamidate*** (CAS No.: 20837-86-9)	-	n.d.	n.d.	n.d.
115.	Lead dinitrate*** (CAS No.: 10099-74-8)	-	n.d.	n.d.	n.d.
116.	Lead oxide (lead monoxide)*** (CAS No.: 1317-36-8)	-	n.d.	n.d.	n.d.
117.	Lead oxide sulfate*** (CAS No.: 12036-76-9)	-	n.d.	n.d.	n.d.
118.	Lead titanium trioxide*** (CAS No.: 12060-00-3)	-	n.d.	n.d.	n.d.
119.	Lead Titanium Zirconium Oxide*** (CAS No.: 12626-81-2)	-	n.d.	n.d.	n.d.
120.	Methoxy acetic acid (CAS No.: 625-45-6)	0.05	n.d.	n.d.	n.d.
121.	Propylene oxide; 1,2-epoxypropane; methyloxirane (CAS No.: 75-56-9)	0.05	n.d.	n.d.	n.d.
122.	N,N-dimethylformamide; dimethyl formamide (CAS No.: 68-12-2)	0.05	n.d.	n.d.	n.d.
123.	N-methylacetamide (CAS No.: 79-16-3)	0.05	n.d.	n.d.	n.d.
124.	N-pentyl-isopentylphthalate (CAS No.: 776297-69-9)	0.05	n.d.	n.d.	n.d.
125.	o-aminoazotoluene (CAS No.: 97-56-3)	0.05	n.d.	n.d.	n.d.
126.	Lead tetroxide (orange lead)*** (CAS No.: 1314-41-6)	-	n.d.	n.d.	n.d.
127.	o-Toluidine; 2-Aminotoluene (CAS No.: 95-53-4)	0.05	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 16 of 36

ZEROPLUS TECHNOLOGY CO., LTD



2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN

No.	Substance Name	RL	Concentration		
			No.4	No.5	No.6
128.	Pentacosfluorotridecanoic acid (CAS No.: 72629-94-8)	0.05	n.d.	n.d.	n.d.
129.	Pentalead tetraoxide sulphate*** (CAS No.: 12065-90-6)	-	n.d.	n.d.	n.d.
130.	Pyrochlore, antimony lead yellow*** (CAS No.: 8012-00-8)	-	n.d.	n.d.	n.d.
131.	Silicic acid, barium salt, lead-doped (※4) (CAS No.: 68784-75-8)	0.05	n.d.	n.d.	n.d.
132.	Silicic acid, lead salt*** (CAS No.: 11120-22-2)	-	n.d.	n.d.	n.d.
133.	Sulfurous acid, lead salt, dibasic*** (CAS No.: 62229-08-7)	-	n.d.	n.d.	n.d.
134.	Tetraethyllead*** (CAS No.: 78-00-2)	-	n.d.	n.d.	n.d.
135.	Tetralead trioxide sulphate*** (CAS No.: 12202-17-4)	-	n.d.	n.d.	n.d.
136.	Tricosfluorododecanoic acid (CAS No.: 307-55-1)	0.05	n.d.	n.d.	n.d.
137.	Trilead bis(carbonate) dihydroxide (basic lead carbonate)*** (CAS No.: 1319-46-6)	-	n.d.	n.d.	n.d.
138.	Trilead dioxide phosphonate*** (CAS No.: 12141-20-7)	-	n.d.	n.d.	n.d.
139.	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]	0.05	n.d.	n.d.	n.d.
140.	Ammoniumpentadecafluorooctanoate (APFO)*** (CAS No.: 3825-26-1)	-	n.d.	n.d.	n.d.
141.	Cadmium (Cd) (CAS No.: 7440-43-9)	0.005	n.d.	n.d.	n.d.
142.	Cadmium oxide*** (CAS No.: 1306-19-0)	-	n.d.	n.d.	n.d.
143.	Dipentyl phthalate (CAS No.: 131-18-0)	0.05	n.d.	n.d.	n.d.
144.	Pentadecafluorooctanoic acid (PFOA) (CAS No.: 335-67-1)	0.05	n.d.	n.d.	n.d.
145.	Cadmium sulphide*** (CAS No.: 1306-23-6)	-	n.d.	n.d.	n.d.
146.	Dihexyl phthalate (CAS No.: 84-75-3)	0.05	n.d.	n.d.	n.d.
147.	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) (CAS No.: 573-58-0)	0.05	n.d.	n.d.	n.d.
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) (CAS No.: 1937-37-7)	0.05	n.d.	n.d.	n.d.
149.	Imidazolidine-2-thione; 2-imidazoline-2-thiol (CAS No.: 96-45-7)	0.05	n.d.	n.d.	n.d.
150.	Lead di(acetate)*** (CAS No.: 301-04-2)	-	n.d.	n.d.	n.d.
151.	Trixylyl phosphate (CAS No.: 25155-23-1)	0.05	n.d.	n.d.	n.d.
152.	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (CAS No.: 68515-50-4)	0.05	n.d.	n.d.	n.d.
153.	Cadmium chloride*** (CAS No.: 10108-64-2)	-	n.d.	n.d.	n.d.
154.	Sodium perborate; perboric acid, sodium salt***	-	n.d.	n.d.	n.d.
155.	Sodium peroxometaborate*** (CAS No.: 7632-04-4)	-	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 17 of 36

ZEROPLUS TECHNOLOGY CO., LTD



2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN

No.	Substance Name	RL	Concentration		
			No.4	No.5	No.6
156.	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) (CAS No.: 25973-55-1)	0.05	n.d.	n.d.	n.d.
157.	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) (CAS No.: 3846-71-7)	0.05	n.d.	n.d.	n.d.
158.	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)*** (CAS No.: 15571-58-1)	-	n.d.	n.d.	n.d.
159.	Cadmium fluoride*** (CAS No.: 7790-79-6)	-	n.d.	n.d.	n.d.
160.	Cadmium sulphate*** (CAS No.: 10124-36-4; 31119-53-6)	-	n.d.	n.d.	n.d.
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)***	-	n.d.	n.d.	n.d.
162.	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (CAS No.: 68515-51-5; 68648-93-1)	0.05	n.d.	n.d.	n.d.
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]	0.05	n.d.	n.d.	n.d.
164.	1,3-propanesultone (CAS No.: 214-317-9)	0.05	n.d.	n.d.	n.d.
165.	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) (CAS No.: 223-383-8)	0.05	n.d.	n.d.	n.d.
166.	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) (CAS No.: 253-037-1)	0.05	n.d.	n.d.	n.d.
167.	Nitrobenzene (CAS No.: 202-716-0)	0.05	n.d.	n.d.	n.d.
168.	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluorononanoic acid and its sodium and ammonium salts (CAS No.: 206-801-3)	0.05	n.d.	n.d.	n.d.
169.	Benzo[def]chrysene (Benzo[a]pyrene) (CAS No.: 50-32-8)	0.05	n.d.	n.d.	n.d.
170.	4,4'- isopropylidenediphenol (Bisphenol A) (CAS No.: 80-05-7)	0.05	n.d.	n.d.	n.d.
171.	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]	0.05	n.d.	n.d.	n.d.
172.	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts (CAS No.: 3108-42-7, 335-76-2, 3830-45-3)	0.05	n.d.	n.d.	n.d.
173.	p-(1,1-dimethylpropyl) phenol (PTAP) (CAS No.: 80-46-6)	0.05	n.d.	n.d.	n.d.
174.	Perfluorohexane-1-sulphonic acid and its salts (PFHxS) (CAS No.: 355-46-4)	0.05	n.d.	n.d.	n.d.

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## Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 18 of 36

ZEROPLUS TECHNOLOGY CO., LTD

2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN



No.	Substance Name	RL	Concentration		
			No.7	No.8	No.9
1.	4,4' - Diaminodiphenylmethane (MDA) (CAS No.: 101-77-9)	0.05	n.d.	n.d.	n.d.
2.	5-tert-butyl-2,4,6-trinitro- m-xylene (Musk Xylene) (CAS No.: 81-15-2)	0.05	n.d.	n.d.	n.d.
3.	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (CAS No.: 85535-84-8)	0.05	n.d.	n.d.	n.d.
4.	Anthracene (CAS No.: 120-12-7)	0.05	n.d.	n.d.	n.d.
5.	BBP (Butyl Benzyl phthalate) (CAS No.: 85-68-7)	0.05	n.d.	n.d.	n.d.
6.	Bis(tributyltin)oxide (TBTO)*** (CAS No.: 56-35-9)	-	n.d.	n.d.	n.d.
7.	Diarsenic pentaoxide*** (CAS No.: 1303-28-2)	-	n.d.	n.d.	n.d.
8.	Diarsenic trioxide*** (CAS No.: 1327-53-3)	-	n.d.	n.d.	n.d.
9.	DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	0.05	n.d.	n.d.	n.d.
10.	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified ( $\alpha$ -HBCDD, $\beta$ - HBCDD, $\gamma$ - HBCDD) (CAS No.: 25637-99-4 and 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8))	0.05	n.d.	n.d.	n.d.
11.	Lead hydrogen arsenate*** (CAS No.: 7784-40-9) (※1)	-	n.d.	n.d.	n.d.
12.	Sodium dichromate*** (CAS No.: 7789-12-0; 10588-01-9(**))	-	n.d.	n.d.	n.d.
13.	Triethyl arsenate*** (CAS No.: 15606-95-8)	-	n.d.	n.d.	n.d.
14.	DEHP (Bis (2-ethyl(hexyl) phthalate)) (CAS No.: 117-81-7)	0.05	n.d.	n.d.	n.d.
15.	2,4-Dinitrotoluene (CAS No.: 121-14-2)	0.05	n.d.	n.d.	n.d.
16.	Anthracene oil (CAS No.: 90640-80-5) (**)	0.05	n.d.	n.d.	n.d.
17.	Anthracene oil, anthracene paste (CAS No.: 90640-81-6) (**)	0.05	n.d.	n.d.	n.d.
18.	Anthracene oil, anthracene paste, anthracene fraction (CAS No.: 91995-15-2) (**)	0.05	n.d.	n.d.	n.d.
19.	Anthracene oil, anthracene paste, distn. Lights (CAS No.: 91995-17-4) (**)	0.05	n.d.	n.d.	n.d.
20.	Anthracene oil, anthracene-low (CAS No.: 90640-82-7) (**)	0.05	n.d.	n.d.	n.d.
21.	DIBP (Di-isobutyl phthalate) (CAS No.: 84-69-5)	0.05	n.d.	n.d.	n.d.
22.	Lead chromate*** (CAS No.: 7758-97-6) (※5)	-	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 19 of 36

ZEROPLUS TECHNOLOGY CO., LTD



2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN

No.	Substance Name	RL	Concentration		
			No.7	No.8	No.9
23.	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)*** (CAS No.: 12656-85-8) (※5)	-	n.d.	n.d.	n.d.
24.	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*** (CAS No.: 1344-37-2) (※5)	-	n.d.	n.d.	n.d.
25.	Pitch, coal tar, high-temp. (CAS No.: 65996-93-2) (**)	0.05	n.d.	n.d.	n.d.
26.	Tris(2-chloroethyl) phosphate (TCEP) (CAS No.: 115-96-8)	0.05	n.d.	n.d.	n.d.
27.	Acrylamide (CAS No.: 79-06-1)	0.05	n.d.	n.d.	n.d.
28.	Ammonium dichromate*** (CAS No.: 7789-09-5)	-	n.d.	n.d.	n.d.
29.	Boric acid*** (CAS No.: 10043-35-3; 11113-50-1)	-	n.d.	n.d.	n.d.
30.	Disodium tetraborate, anhydrous*** (CAS No.: 1303-96-4, 1330-43-4, 12179-04-3)	-	n.d.	n.d.	n.d.
31.	Potassium chromate*** (CAS No.: 7789-00-6)	-	n.d.	n.d.	n.d.
32.	Potassium dichromate*** (CAS No.: 7778-50-9)	-	n.d.	n.d.	n.d.
33.	Sodium chromate*** (CAS No.: 7775-11-3)	-	n.d.	n.d.	n.d.
34.	Tetraboron disodium heptaoxide, hydrate (CAS No.: 12267-73-1) ( * 2)	-	n.d.	n.d.	n.d.
35.	Trichloroethylene (CAS No.: 79-01-6)	0.05	n.d.	n.d.	n.d.
36.	2-Ethoxyethanol (CAS No.: 110-80-5)	0.05	n.d.	n.d.	n.d.
37.	2-Methoxyethanol (CAS No.: 109-86-4)	0.05	n.d.	n.d.	n.d.
38.	Acids generated from chromium trioxide and their oligomers: Chromic acid*** (CAS No.: 7738-94-5)	-	n.d.	n.d.	n.d.
	Acids generated from chromium trioxide and their oligomers: Dichromic acid*** (CAS No.: 13530-68-2)	-	n.d.	n.d.	n.d.
	Acids generated from chromium trioxide and their oligomers: Oligomers of chromic acid and dichromic acid ( * 1)	-	n.d.	n.d.	n.d.
39.	Chromium trioxide*** (CAS No.: 1333-82-0)	-	n.d.	n.d.	n.d.
40.	Cobalt(II) carbonate*** (CAS No.: 513-79-1)	-	n.d.	n.d.	n.d.
41.	Cobalt(II) diacetate*** (CAS No.: 71-48-7)	-	n.d.	n.d.	n.d.
42.	Cobalt(II) dinitrate*** (CAS No.: 10141-05-6)	-	n.d.	n.d.	n.d.
43.	Cobalt(II) sulphate*** (CAS No.: 10124-43-3)	-	n.d.	n.d.	n.d.
44.	1,2,3-trichloropropane (CAS No.: 96-18-4)	0.05	n.d.	n.d.	n.d.
45.	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) (CAS No.: 71888-89-6)	0.05	n.d.	n.d.	n.d.
46.	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP) (CAS No.: 68515-42-4)	0.05	n.d.	n.d.	n.d.
47.	1-methyl-2-pyrrolidone (CAS No.: 872-50-4)	0.05	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 20 of 36

ZEROPLUS TECHNOLOGY CO., LTD

2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN



No.	Substance Name	RL	Concentration		
			No.7	No.8	No.9
48.	2-ethoxyethyl acetate (CAS No.: 111-15-9)	0.05	n.d.	n.d.	n.d.
49.	Hydrazine (CAS No.: 7803-57-8; 302-01-2)	0.05	n.d.	n.d.	n.d.
50.	Strontium chromate*** (CAS No.: 7789-06-2)	-	n.d.	n.d.	n.d.
51.	Cobalt dichloride (CAS No.: 7646-79-9)	0.005	n.d.	n.d.	n.d.
52.	1,2-Dichloroethane (CAS No.: 107-06-2)	0.05	n.d.	n.d.	n.d.
53.	2,2'-dichloro- 4,4'-methylenedianiline (MOCA) (CAS No.: 101-14-4)	0.05	n.d.	n.d.	n.d.
54.	2-Methoxyaniline; o-Anisidine (CAS No.: 90-04-0)	0.05	n.d.	n.d.	n.d.
55.	4-(1,1,3,3-tetramethylbutyl) phenol, (4-tert-Octylphenol) (CAS No.: 140-66-9)	0.05	n.d.	n.d.	n.d.
56.	Aluminosilicate, Refractory Ceramic Fibres 【oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges】	0.05	n.d.	n.d.	n.d.
57.	Arsenic acid*** (CAS No.: 7778-39-4)	-	n.d.	n.d.	n.d.
58.	Bis(2-methoxyethyl) ether (CAS No.: 111-96-6)	0.05	n.d.	n.d.	n.d.
59.	Bis(2-methoxyethyl) phthalate (CAS No.: 117-82-8)	0.05	n.d.	n.d.	n.d.
60.	Calcium arsenate*** (CAS No.: 7778-44-1)	-	n.d.	n.d.	n.d.
61.	Dichromium tris (chromate)*** (CAS No.: 24613-89-6)	-	n.d.	n.d.	n.d.
62.	Formaldehyde, oligomeric reaction products with aniline (technical MDA) (CAS No.: 25214-70-4)	0.05	n.d.	n.d.	n.d.
63.	Lead diazide, Lead azide*** (CAS No.: 13424-46-9)	-	n.d.	n.d.	n.d.
64.	Lead dipicrate*** (CAS No.: 6477-64-1)	-	n.d.	n.d.	n.d.
65.	Lead styphnate*** (CAS No.: 15245-44-0)	-	n.d.	n.d.	n.d.
66.	N,N-dimethylacetamide (DMAC) (CAS No.: 127-19-5)	0.05	n.d.	n.d.	n.d.
67.	Pentazinc chromate octahydroxide*** (CAS No.: 49663-84-5)	-	n.d.	n.d.	n.d.
68.	Phenolphthalein (CAS No.: 77-09-8)	0.05	n.d.	n.d.	n.d.
69.	Potassium hydroxyoctaoxodizincatedi- chromate*** (CAS No.: 11103-86-9)	-	n.d.	n.d.	n.d.
70.	Trilead diarsenate*** (CAS No.: 3687-31-8) (※1)	-	n.d.	n.d.	n.d.
71.	Zirconia Aluminosilicate, Refractory Ceramic Fibres 【oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges】	0.05	n.d.	n.d.	n.d.
72.	[4-[[4-anilino-1-naphthyl] [4-(dimethylamino) phenyl] methylene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) (CAS No.: 2580-56-5) [with ≥ 0.1% of Michler's ketone or Michler's base]	0.05	n.d.	n.d.	n.d.
73.	[4-[4,4'-bis(dimethylamino) benzhydrylidene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3) (CAS No.: 548-62-9) [with ≥ 0.1% of Michler's ketone or Michler's base]	0.05	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 21 of 36

ZEROPLUS TECHNOLOGY CO., LTD



2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN

No.	Substance Name	RL	Concentration		
			No.7	No.8	No.9
74.	1,2-bis (2-methoxyethoxy) ethane (TEGDME; triglyme) (CAS No.: 112-49-2)	0.05	n.d.	n.d.	n.d.
75.	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) (CAS No.: 110-71-4)	0.05	n.d.	n.d.	n.d.
76.	TGIC (1,3,5-tris(oxiranylmethyl)- 1,3,5-triazine-2,4,6 (1H,3H,5H)-trione) (CAS No.: 2451-62-9)	0.05	n.d.	n.d.	n.d.
77.	$\beta$ -TGIC (1,3,5-tris [(2S and 2R)-2,3-epoxypropyl]- 1,3,5-triazine-2,4,6- (1H,3H,5H)-trione) (CAS No.: 59653-74-6) (※3)	0.05	n.d.	n.d.	n.d.
78.	4,4'-bis (dimethylamino)-4''-(methylamino) trityl alcohol (CAS No.: 561-41-1) [with $\geq 0.1\%$ of Michler's ketone or Michler's base]	0.05	n.d.	n.d.	n.d.
79.	4,4'-bis (dimethylamino) benzophenone (Michler's ketone) (CAS No.: 90-94-8)	0.05	n.d.	n.d.	n.d.
80.	Diboron trioxide*** (CAS No.: 1303-86-2)	-	n.d.	n.d.	n.d.
81.	Formamide (CAS No.: 75-12-7)	0.05	n.d.	n.d.	n.d.
82.	Lead(II) bis(methanesulfonate)*** (CAS No.: 17570-76-2)	-	n.d.	n.d.	n.d.
83.	N,N,N',N'-tetramethyl- 4,4'-methylenedianiline (Michler's base) (CAS No.: 101-61-1)	0.05	n.d.	n.d.	n.d.
84.	$\alpha,\alpha$ -Bis[4-(dimethylamino) phenyl]-4 (phenylamino) naphthalene-1-methanol (C.I. Solvent Blue 4) (CAS No.: 6786-83-0) [with $\geq 0.1\%$ of Michler's ketone or Michler's base]	0.05	n.d.	n.d.	n.d.
85.	[Phthalato(2-)] dioxotrilead*** (CAS No.: 69011-06-9)	-	n.d.	n.d.	n.d.
86.	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear (CAS No.: 84777-06-0)	0.05	n.d.	n.d.	n.d.
87.	1,2-Diethoxyethane (CAS No.: 629-14-1)	0.05	n.d.	n.d.	n.d.
88.	1-bromopropane (CAS No.: 106-94-5)	0.05	n.d.	n.d.	n.d.
89.	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine (CAS No.: 143860-04-2)	0.05	n.d.	n.d.	n.d.
90.	4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.05	n.d.	n.d.	n.d.
91.	4,4'-methylenedi-o-toluidine (CAS No.: 838-88-0)	0.05	n.d.	n.d.	n.d.
92.	4,4'-oxydianiline and its salts (CAS No.: 101-80-4)	0.05	n.d.	n.d.	n.d.
93.	4-Aminoazobenzene (CAS No.: 60-09-3)	0.05	n.d.	n.d.	n.d.
94.	4-methyl-m-phenylenediamine (2,4-toluenediamine) (CAS No.: 95-80-7)	0.05	n.d.	n.d.	n.d.
95.	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]	0.05	n.d.	n.d.	n.d.
96.	6-methoxy-m-toluidine (p-cresidine) (CAS No.: 120-71-8)	0.05	n.d.	n.d.	n.d.
97.	Acetic acid, lead salt, basic*** (CAS No.: 51404-69-4)	-	n.d.	n.d.	n.d.
98.	Biphenyl-4-ylamine (CAS No.: 92-67-1)	0.05	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 22 of 36

ZEROPLUS TECHNOLOGY CO., LTD



2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN

No.	Substance Name	RL	Concentration		
			No.7	No.8	No.9
99.	Bis(pentabromophenyl) ether (DecaBDE) (CAS No.: 1163-19-5)	0.05	n.d.	n.d.	n.d.
100.	Cyclohexane-1,2-dicarboxylic anhydride (HHPA), cis-cyclohexane-1,2- dicarboxylic anhydride, trans-cyclohexane-1,2- dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA) (CAS No.: 85-42-7, 13149-00-3, 14166-21-3)	0.05	n.d.	n.d.	n.d.
101.	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (CAS No.: 123-77-3)	0.05	n.d.	n.d.	n.d.
102.	Dibutyltin dichloride (DBTC)*** (CAS No.: 683-18-1)	-	n.d.	n.d.	n.d.
103.	Diethyl sulphate (CAS No.: 64-67-5)	0.05	n.d.	n.d.	n.d.
104.	Diisopentylphthalate (CAS No.: 605-50-5)	0.05	n.d.	n.d.	n.d.
105.	Dimethyl sulphate (CAS No.: 77-78-1)	0.05	n.d.	n.d.	n.d.
106.	Dinoseb (CAS No.: 88-85-7)	0.05	n.d.	n.d.	n.d.
107.	Dioxobis(stearato) trilead*** (CAS No.: 12578-12-0)	-	n.d.	n.d.	n.d.
108.	Fatty acids, C16-18, lead salts*** (CAS No.: 91031-62-8)	-	n.d.	n.d.	n.d.
109.	Furan (CAS No.: 110-00-9)	0.05	n.d.	n.d.	n.d.
110.	Henicosafuoroundecanoic acid (CAS No.: 2058-94-8)	0.05	n.d.	n.d.	n.d.
111.	Heptacosafuorotetradecanoic acid (CAS No.: 376-06-7)	0.05	n.d.	n.d.	n.d.
112.	Hexahydromethylphthalic anhydride (CAS No.: 25550-51-0) Hexahydro-4-methylphthalic anhydride (CAS No.: 19438-60-9) Hexahydro-1-methylphthalic anhydride (CAS No.: 48122-14-1) Hexahydro-3-methylphthalic anhydride (CAS No.: 57110-29-9)	0.05	n.d.	n.d.	n.d.
113.	Lead bis(tetrafluoroborate)*** (CAS No.: 13814-96-5)	-	n.d.	n.d.	n.d.
114.	Lead cyanamidate*** (CAS No.: 20837-86-9)	-	n.d.	n.d.	n.d.
115.	Lead dinitrate*** (CAS No.: 10099-74-8)	-	n.d.	n.d.	n.d.
116.	Lead oxide (lead monoxide)*** (CAS No.: 1317-36-8)	-	n.d.	n.d.	n.d.
117.	Lead oxide sulfate*** (CAS No.: 12036-76-9)	-	n.d.	n.d.	n.d.
118.	Lead titanium trioxide*** (CAS No.: 12060-00-3)	-	n.d.	n.d.	n.d.
119.	Lead Titanium Zirconium Oxide*** (CAS No.: 12626-81-2)	-	n.d.	n.d.	n.d.
120.	Methoxy acetic acid (CAS No.: 625-45-6)	0.05	n.d.	n.d.	n.d.
121.	Propylene oxide; 1,2-epoxypropane; methyloxirane (CAS No.: 75-56-9)	0.05	n.d.	n.d.	n.d.
122.	N,N-dimethylformamide; dimethyl formamide (CAS No.: 68-12-2)	0.05	n.d.	n.d.	n.d.
123.	N-methylacetamide (CAS No.: 79-16-3)	0.05	n.d.	n.d.	n.d.
124.	N-pentyl-isopentylphthalate (CAS No.: 776297-69-9)	0.05	n.d.	n.d.	n.d.
125.	o-aminoazotoluene (CAS No.: 97-56-3)	0.05	n.d.	n.d.	n.d.
126.	Lead tetroxide (orange lead)*** (CAS No.: 1314-41-6)	-	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 23 of 36

ZEROPLUS TECHNOLOGY CO., LTD



2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN

No.	Substance Name	RL	Concentration		
			No.7	No.8	No.9
127.	o-Toluidine; 2-Aminotoluene (CAS No.: 95-53-4)	0.05	n.d.	n.d.	n.d.
128.	Pentacosfluorotridecanoic acid (CAS No.: 72629-94-8)	0.05	n.d.	n.d.	n.d.
129.	Pentalead tetraoxide sulphate*** (CAS No.: 12065-90-6)	-	n.d.	n.d.	n.d.
130.	Pyrochlore, antimony lead yellow*** (CAS No.: 8012-00-8)	-	n.d.	n.d.	n.d.
131.	Silicic acid, barium salt, lead-doped (※4) (CAS No.: 68784-75-8)	0.05	n.d.	n.d.	n.d.
132.	Silicic acid, lead salt*** (CAS No.: 11120-22-2)	-	n.d.	n.d.	n.d.
133.	Sulfurous acid, lead salt, dibasic*** (CAS No.: 62229-08-7)	-	n.d.	n.d.	n.d.
134.	Tetraethyllead*** (CAS No.: 78-00-2)	-	n.d.	n.d.	n.d.
135.	Tetralead trioxide sulphate*** (CAS No.: 12202-17-4)	-	n.d.	n.d.	n.d.
136.	Tricosfluorododecanoic acid (CAS No.: 307-55-1)	0.05	n.d.	n.d.	n.d.
137.	Trilead bis(carbonate) dihydroxide (basic lead carbonate)*** (CAS No.: 1319-46-6)	-	n.d.	n.d.	n.d.
138.	Trilead dioxide phosphonate*** (CAS No.: 12141-20-7)	-	n.d.	n.d.	n.d.
139.	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]	0.05	n.d.	n.d.	n.d.
140.	Ammoniumpentadecafluorooctanoate (APFO)*** (CAS No.: 3825-26-1)	-	n.d.	n.d.	n.d.
141.	Cadmium (Cd) (CAS No.: 7440-43-9)	0.005	n.d.	n.d.	n.d.
142.	Cadmium oxide*** (CAS No.: 1306-19-0)	-	n.d.	n.d.	n.d.
143.	Dipentyl phthalate (CAS No.: 131-18-0)	0.05	n.d.	n.d.	n.d.
144.	Pentadecafluorooctanoic acid (PFOA) (CAS No.: 335-67-1)	0.05	n.d.	n.d.	n.d.
145.	Cadmium sulphide*** (CAS No.: 1306-23-6)	-	n.d.	n.d.	n.d.
146.	Diethyl phthalate (CAS No.: 84-75-3)	0.05	n.d.	n.d.	n.d.
147.	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) (CAS No.: 573-58-0)	0.05	n.d.	n.d.	n.d.
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) (CAS No.: 1937-37-7)	0.05	n.d.	n.d.	n.d.
149.	Imidazolidine-2-thione; 2-imidazoline-2-thiol (CAS No.: 96-45-7)	0.05	n.d.	n.d.	n.d.
150.	Lead di(acetate)*** (CAS No.: 301-04-2)	-	n.d.	n.d.	n.d.
151.	Triethyl phosphate (CAS No.: 25155-23-1)	0.05	n.d.	n.d.	n.d.
152.	1,2-Benzenedicarboxylic acid, diethyl ester, branched and linear (CAS No.: 68515-50-4)	0.05	n.d.	n.d.	n.d.
153.	Cadmium chloride*** (CAS No.: 10108-64-2)	-	n.d.	n.d.	n.d.
154.	Sodium perborate; perboric acid, sodium salt***	-	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 24 of 36

ZEROPLUS TECHNOLOGY CO., LTD



2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN

No.	Substance Name	RL	Concentration		
			No.7	No.8	No.9
155.	Sodium peroxometaborate*** (CAS No.: 7632-04-4)	-	n.d.	n.d.	n.d.
156.	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) (CAS No.: 25973-55-1)	0.05	n.d.	n.d.	n.d.
157.	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) (CAS No.: 3846-71-7)	0.05	n.d.	n.d.	n.d.
158.	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)*** (CAS No.: 15571-58-1)	-	n.d.	n.d.	n.d.
159.	Cadmium fluoride*** (CAS No.: 7790-79-6)	-	n.d.	n.d.	n.d.
160.	Cadmium sulphate*** (CAS No.: 10124-36-4; 31119-53-6)	-	n.d.	n.d.	n.d.
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)***	-	n.d.	n.d.	n.d.
162.	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (CAS No.: 68515-51-5; 68648-93-1)	0.05	n.d.	n.d.	n.d.
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]	0.05	n.d.	n.d.	n.d.
164.	1,3-propanesultone (CAS No.: 214-317-9)	0.05	n.d.	n.d.	n.d.
165.	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) (CAS No.: 223-383-8)	0.05	n.d.	n.d.	n.d.
166.	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) (CAS No.: 253-037-1)	0.05	n.d.	n.d.	n.d.
167.	Nitrobenzene (CAS No.: 202-716-0)	0.05	n.d.	n.d.	n.d.
168.	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-heptadecafluorononanoic acid and its sodium and ammonium salts (CAS No.: 206-801-3)	0.05	n.d.	n.d.	n.d.
169.	Benzo[def]chrysene (Benzo[a]pyrene) (CAS No.: 50-32-8)	0.05	n.d.	n.d.	n.d.
170.	4,4'- isopropylidenediphenol (Bisphenol A) (CAS No.: 80-05-7)	0.05	n.d.	n.d.	n.d.
171.	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]	0.05	n.d.	n.d.	n.d.
172.	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts (CAS No.: 3108-42-7, 335-76-2, 3830-45-3)	0.05	n.d.	n.d.	n.d.
173.	p-(1,1-dimethylpropyl) phenol (PTAP) (CAS No.: 80-46-6)	0.05	n.d.	n.d.	n.d.
174.	Perfluorohexane-1-sulphonic acid and its salts (PFHxS) (CAS No.: 355-46-4)	0.05	n.d.	n.d.	n.d.

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## Test Report

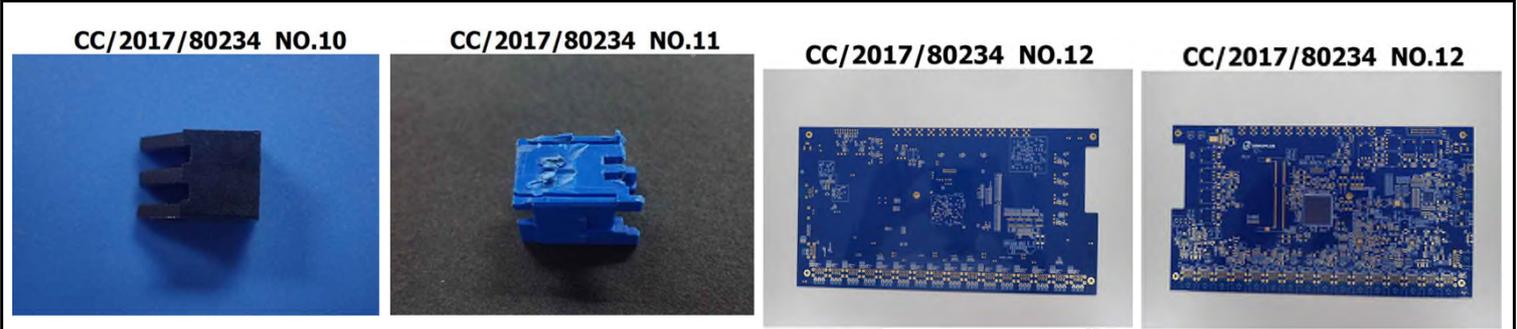
No. : CC/2017/80234

Date : 2017/12/29

Page: 25 of 36

ZEROPLUS TECHNOLOGY CO., LTD

2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN



No.	Substance Name	RL	Concentration		
			No.10	No.11	No.12
1.	4,4' - Diaminodiphenylmethane (MDA) (CAS No.: 101-77-9)	0.05	n.d.	n.d.	n.d.
2.	5-tert-butyl-2,4,6-trinitro- m-xylene (Musk Xylene) (CAS No.: 81-15-2)	0.05	n.d.	n.d.	n.d.
3.	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (CAS No.: 85535-84-8)	0.05	n.d.	n.d.	n.d.
4.	Anthracene (CAS No.: 120-12-7)	0.05	n.d.	n.d.	n.d.
5.	BBP (Butyl Benzyl phthalate) (CAS No.: 85-68-7)	0.05	n.d.	n.d.	n.d.
6.	Bis(tributyltin)oxide (TBTO)*** (CAS No.: 56-35-9)	-	n.d.	n.d.	n.d.
7.	Diarsenic pentaoxide*** (CAS No.: 1303-28-2)	-	n.d.	n.d.	n.d.
8.	Diarsenic trioxide*** (CAS No.: 1327-53-3)	-	n.d.	n.d.	n.d.
9.	DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	0.05	n.d.	n.d.	n.d.
10.	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified ( $\alpha$ -HBCDD, $\beta$ - HBCDD, $\gamma$ - HBCDD) (CAS No.: 25637-99-4 and 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8))	0.05	n.d.	n.d.	n.d.
11.	Lead hydrogen arsenate*** (CAS No.: 7784-40-9) (※1)	-	n.d.	n.d.	n.d.
12.	Sodium dichromate*** (CAS No.: 7789-12-0; 10588-01-9(**))	-	n.d.	n.d.	n.d.
13.	Triethyl arsenate*** (CAS No.: 15606-95-8)	-	n.d.	n.d.	n.d.
14.	DEHP (Bis (2-ethyl(hexyl) phthalate)) (CAS No.: 117-81-7)	0.05	n.d.	n.d.	n.d.
15.	2,4-Dinitrotoluene (CAS No.: 121-14-2)	0.05	n.d.	n.d.	n.d.
16.	Anthracene oil (CAS No.: 90640-80-5) (**)	0.05	n.d.	n.d.	n.d.
17.	Anthracene oil, anthracene paste (CAS No.: 90640-81-6) (**)	0.05	n.d.	n.d.	n.d.
18.	Anthracene oil, anthracene paste, anthracene fraction (CAS No.: 91995-15-2) (**)	0.05	n.d.	n.d.	n.d.
19.	Anthracene oil, anthracene paste, distn. Lights (CAS No.: 91995-17-4) (**)	0.05	n.d.	n.d.	n.d.
20.	Anthracene oil, anthracene-low (CAS No.: 90640-82-7) (**)	0.05	n.d.	n.d.	n.d.
21.	DIBP (Di-isobutyl phthalate) (CAS No.: 84-69-5)	0.05	n.d.	n.d.	n.d.
22.	Lead chromate*** (CAS No.: 7758-97-6) (※5)	-	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 26 of 36

ZEROPLUS TECHNOLOGY CO., LTD

2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN



No.	Substance Name	RL	Concentration		
			No.10	No.11	No.12
23.	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)*** (CAS No.: 12656-85-8) (※5)	-	n.d.	n.d.	n.d.
24.	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*** (CAS No.: 1344-37-2) (※5)	-	n.d.	n.d.	n.d.
25.	Pitch, coal tar, high-temp. (CAS No.: 65996-93-2) (**)	0.05	n.d.	n.d.	n.d.
26.	Tris(2-chloroethyl) phosphate (TCEP) (CAS No.: 115-96-8)	0.05	n.d.	n.d.	n.d.
27.	Acrylamide (CAS No.: 79-06-1)	0.05	n.d.	n.d.	n.d.
28.	Ammonium dichromate*** (CAS No.: 7789-09-5)	-	n.d.	n.d.	n.d.
29.	Boric acid*** (CAS No.: 10043-35-3; 11113-50-1)	-	n.d.	N/A*	n.d.
30.	Disodium tetraborate, anhydrous*** (CAS No.: 1303-96-4, 1330-43-4, 12179-04-3)	-	n.d.	N/A*	n.d.
31.	Potassium chromate*** (CAS No.: 7789-00-6)	-	n.d.	n.d.	n.d.
32.	Potassium dichromate*** (CAS No.: 7778-50-9)	-	n.d.	n.d.	n.d.
33.	Sodium chromate*** (CAS No.: 7775-11-3)	-	n.d.	n.d.	n.d.
34.	Tetraboron disodium heptaoxide, hydrate (CAS No.: 12267-73-1) ( * 2)	-	n.d.	N/A*	n.d.
35.	Trichloroethylene (CAS No.: 79-01-6)	0.05	n.d.	n.d.	n.d.
36.	2-Ethoxyethanol (CAS No.: 110-80-5)	0.05	n.d.	n.d.	n.d.
37.	2-Methoxyethanol (CAS No.: 109-86-4)	0.05	n.d.	n.d.	n.d.
38.	Acids generated from chromium trioxide and their oligomers: Chromic acid*** (CAS No.: 7738-94-5)	-	n.d.	n.d.	n.d.
	Acids generated from chromium trioxide and their oligomers: Dichromic acid*** (CAS No.: 13530-68-2)	-	n.d.	n.d.	n.d.
	Acids generated from chromium trioxide and their oligomers: Oligomers of chromic acid and dichromic acid ( * 1)	-	n.d.	n.d.	n.d.
39.	Chromium trioxide*** (CAS No.: 1333-82-0)	-	n.d.	n.d.	n.d.
40.	Cobalt(II) carbonate*** (CAS No.: 513-79-1)	-	n.d.	n.d.	n.d.
41.	Cobalt(II) diacetate*** (CAS No.: 71-48-7)	-	n.d.	n.d.	n.d.
42.	Cobalt(II) dinitrate*** (CAS No.: 10141-05-6)	-	n.d.	n.d.	n.d.
43.	Cobalt(II) sulphate*** (CAS No.: 10124-43-3)	-	n.d.	n.d.	n.d.
44.	1,2,3-trichloropropane (CAS No.: 96-18-4)	0.05	n.d.	n.d.	n.d.
45.	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) (CAS No.: 71888-89-6)	0.05	n.d.	n.d.	n.d.
46.	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP) (CAS No.: 68515-42-4)	0.05	n.d.	n.d.	n.d.
47.	1-methyl-2-pyrrolidone (CAS No.: 872-50-4)	0.05	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 27 of 36

ZEROPLUS TECHNOLOGY CO., LTD

2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN



No.	Substance Name	RL	Concentration		
			No.10	No.11	No.12
48.	2-ethoxyethyl acetate (CAS No.: 111-15-9)	0.05	n.d.	n.d.	n.d.
49.	Hydrazine (CAS No.: 7803-57-8; 302-01-2)	0.05	n.d.	n.d.	n.d.
50.	Strontium chromate*** (CAS No.: 7789-06-2)	-	n.d.	n.d.	n.d.
51.	Cobalt dichloride (CAS No.: 7646-79-9)	0.005	n.d.	n.d.	n.d.
52.	1,2-Dichloroethane (CAS No.: 107-06-2)	0.05	n.d.	n.d.	n.d.
53.	2,2'-dichloro- 4,4'-methylenedianiline (MOCA) (CAS No.: 101-14-4)	0.05	n.d.	n.d.	n.d.
54.	2-Methoxyaniline; o-Anisidine (CAS No.: 90-04-0)	0.05	n.d.	n.d.	n.d.
55.	4-(1,1,3,3-tetramethylbutyl) phenol, (4-tert-Octylphenol) (CAS No.: 140-66-9)	0.05	n.d.	n.d.	n.d.
56.	Aluminosilicate, Refractory Ceramic Fibres 【oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges】	0.05	n.d.	n.d.	n.d.
57.	Arsenic acid*** (CAS No.: 7778-39-4)	-	n.d.	n.d.	n.d.
58.	Bis(2-methoxyethyl) ether (CAS No.: 111-96-6)	0.05	n.d.	n.d.	n.d.
59.	Bis(2-methoxyethyl) phthalate (CAS No.: 117-82-8)	0.05	n.d.	n.d.	n.d.
60.	Calcium arsenate*** (CAS No.: 7778-44-1)	-	n.d.	n.d.	n.d.
61.	Dichromium tris (chromate)*** (CAS No.: 24613-89-6)	-	n.d.	n.d.	n.d.
62.	Formaldehyde, oligomeric reaction products with aniline (technical MDA) (CAS No.: 25214-70-4)	0.05	n.d.	n.d.	n.d.
63.	Lead diazide, Lead azide*** (CAS No.: 13424-46-9)	-	n.d.	n.d.	n.d.
64.	Lead dipicrate*** (CAS No.: 6477-64-1)	-	n.d.	n.d.	n.d.
65.	Lead styphnate*** (CAS No.: 15245-44-0)	-	n.d.	n.d.	n.d.
66.	N,N-dimethylacetamide (DMAC) (CAS No.: 127-19-5)	0.05	n.d.	n.d.	n.d.
67.	Pentazinc chromate octahydroxide*** (CAS No.: 49663-84-5)	-	n.d.	n.d.	n.d.
68.	Phenolphthalein (CAS No.: 77-09-8)	0.05	n.d.	n.d.	n.d.
69.	Potassium hydroxyoctaoxodizincatedi- chromate*** (CAS No.: 11103-86-9)	-	n.d.	n.d.	n.d.
70.	Trilead diarsenate*** (CAS No.: 3687-31-8) (※1)	-	n.d.	n.d.	n.d.
71.	Zirconia Aluminosilicate, Refractory Ceramic Fibres 【oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges】	0.05	n.d.	n.d.	n.d.
72.	[4-[[4-anilino-1-naphthyl] [4-(dimethylamino) phenyl] methylene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) (CAS No.: 2580-56-5) [with ≥ 0.1% of Michler's ketone or Michler's base]	0.05	n.d.	n.d.	n.d.
73.	[4-[4,4'-bis(dimethylamino) benzhydrylidene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3) (CAS No.: 548-62-9) [with ≥ 0.1% of Michler's ketone or Michler's base]	0.05	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 28 of 36

ZEROPLUS TECHNOLOGY CO., LTD



2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN

No.	Substance Name	RL	Concentration		
			No.10	No.11	No.12
74.	1,2-bis (2-methoxyethoxy) ethane (TEGDME; triglyme) (CAS No.: 112-49-2)	0.05	n.d.	n.d.	n.d.
75.	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) (CAS No.: 110-71-4)	0.05	n.d.	n.d.	n.d.
76.	TGIC (1,3,5-tris(oxiranylmethyl)- 1,3,5-triazine-2,4,6 (1H,3H,5H)-trione) (CAS No.: 2451-62-9)	0.05	n.d.	n.d.	n.d.
77.	$\beta$ -TGIC (1,3,5-tris [(2S and 2R)-2,3-epoxypropyl]- 1,3,5-triazine-2,4,6- (1H,3H,5H)-trione) (CAS No.: 59653-74-6) (※3)	0.05	n.d.	n.d.	n.d.
78.	4,4'-bis (dimethylamino)-4''-(methylamino) trityl alcohol (CAS No.: 561-41-1) [with $\geq$ 0.1% of Michler's ketone or Michler's base]	0.05	n.d.	n.d.	n.d.
79.	4,4'-bis (dimethylamino) benzophenone (Michler's ketone) (CAS No.: 90-94-8)	0.05	n.d.	n.d.	n.d.
80.	Diboron trioxide*** (CAS No.: 1303-86-2)	-	n.d.	N/A*	n.d.
81.	Formamide (CAS No.: 75-12-7)	0.05	n.d.	n.d.	n.d.
82.	Lead(II) bis(methanesulfonate)*** (CAS No.: 17570-76-2)	-	n.d.	n.d.	n.d.
83.	N,N,N',N'-tetramethyl- 4,4'-methylenedianiline (Michler's base) (CAS No.: 101-61-1)	0.05	n.d.	n.d.	n.d.
84.	$\alpha,\alpha$ -Bis[4-(dimethylamino) phenyl]-4 (phenylamino) naphthalene-1-methanol (C.I. Solvent Blue 4) (CAS No.: 6786-83-0) [with $\geq$ 0.1% of Michler's ketone or Michler's base]	0.05	n.d.	n.d.	n.d.
85.	[Phthalato(2-)] dioxotrilead*** (CAS No.: 69011-06-9)	-	n.d.	n.d.	n.d.
86.	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear (CAS No.: 84777-06-0)	0.05	n.d.	n.d.	n.d.
87.	1,2-Diethoxyethane (CAS No.: 629-14-1)	0.05	n.d.	n.d.	n.d.
88.	1-bromopropane (CAS No.: 106-94-5)	0.05	n.d.	n.d.	n.d.
89.	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine (CAS No.: 143860-04-2)	0.05	n.d.	n.d.	n.d.
90.	4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	0.05	n.d.	n.d.	n.d.
91.	4,4'-methylenedi-o-toluidine (CAS No.: 838-88-0)	0.05	n.d.	n.d.	n.d.
92.	4,4'-oxydianiline and its salts (CAS No.: 101-80-4)	0.05	n.d.	n.d.	n.d.
93.	4-Aminoazobenzene (CAS No.: 60-09-3)	0.05	n.d.	n.d.	n.d.
94.	4-methyl-m-phenylenediamine (2,4-toluenediamine) (CAS No.: 95-80-7)	0.05	n.d.	n.d.	n.d.
95.	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]	0.05	n.d.	n.d.	n.d.
96.	6-methoxy-m-toluidine (p-cresidine) (CAS No.: 120-71-8)	0.05	n.d.	n.d.	n.d.
97.	Acetic acid, lead salt, basic*** (CAS No.: 51404-69-4)	-	n.d.	n.d.	n.d.
98.	Biphenyl-4-ylamine (CAS No.: 92-67-1)	0.05	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 29 of 36

ZEROPLUS TECHNOLOGY CO., LTD



2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN

No.	Substance Name	RL	Concentration		
			No.10	No.11	No.12
99.	Bis(pentabromophenyl) ether (DecaBDE) (CAS No.: 1163-19-5)	0.05	n.d.	n.d.	n.d.
100.	Cyclohexane-1,2-dicarboxylic anhydride (HHPA), cis-cyclohexane-1,2- dicarboxylic anhydride, trans-cyclohexane-1,2- dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA) (CAS No.: 85-42-7, 13149-00-3, 14166-21-3)	0.05	n.d.	n.d.	n.d.
101.	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (CAS No.: 123-77-3)	0.05	n.d.	n.d.	n.d.
102.	Dibutyltin dichloride (DBTC)*** (CAS No.: 683-18-1)	-	n.d.	n.d.	n.d.
103.	Diethyl sulphate (CAS No.: 64-67-5)	0.05	n.d.	n.d.	n.d.
104.	Diisopentylphthalate (CAS No.: 605-50-5)	0.05	n.d.	n.d.	n.d.
105.	Dimethyl sulphate (CAS No.: 77-78-1)	0.05	n.d.	n.d.	n.d.
106.	Dinoseb (CAS No.: 88-85-7)	0.05	n.d.	n.d.	n.d.
107.	Dioxobis(stearato) trilead*** (CAS No.: 12578-12-0)	-	n.d.	n.d.	n.d.
108.	Fatty acids, C16-18, lead salts*** (CAS No.: 91031-62-8)	-	n.d.	n.d.	n.d.
109.	Furan (CAS No.: 110-00-9)	0.05	n.d.	n.d.	n.d.
110.	Henicosafuoroundecanoic acid (CAS No.: 2058-94-8)	0.05	n.d.	n.d.	n.d.
111.	Heptacosafuorotetradecanoic acid (CAS No.: 376-06-7)	0.05	n.d.	n.d.	n.d.
112.	Hexahydromethylphthalic anhydride (CAS No.: 25550-51-0) Hexahydro-4-methylphthalic anhydride (CAS No.: 19438-60-9) Hexahydro-1-methylphthalic anhydride (CAS No.: 48122-14-1) Hexahydro-3-methylphthalic anhydride (CAS No.: 57110-29-9)	0.05	n.d.	n.d.	n.d.
113.	Lead bis(tetrafluoroborate)*** (CAS No.: 13814-96-5)	-	n.d.	n.d.	n.d.
114.	Lead cyanamidate*** (CAS No.: 20837-86-9)	-	n.d.	n.d.	n.d.
115.	Lead dinitrate*** (CAS No.: 10099-74-8)	-	n.d.	n.d.	n.d.
116.	Lead oxide (lead monoxide)*** (CAS No.: 1317-36-8)	-	n.d.	n.d.	n.d.
117.	Lead oxide sulfate*** (CAS No.: 12036-76-9)	-	n.d.	n.d.	n.d.
118.	Lead titanium trioxide*** (CAS No.: 12060-00-3)	-	n.d.	n.d.	n.d.
119.	Lead Titanium Zirconium Oxide*** (CAS No.: 12626-81-2)	-	n.d.	n.d.	n.d.
120.	Methoxy acetic acid (CAS No.: 625-45-6)	0.05	n.d.	n.d.	n.d.
121.	Propylene oxide; 1,2-epoxypropane; methyloxirane (CAS No.: 75-56-9)	0.05	n.d.	n.d.	n.d.
122.	N,N-dimethylformamide; dimethyl formamide (CAS No.: 68-12-2)	0.05	n.d.	n.d.	n.d.
123.	N-methylacetamide (CAS No.: 79-16-3)	0.05	n.d.	n.d.	n.d.
124.	N-pentyl-isopentylphthalate (CAS No.: 776297-69-9)	0.05	n.d.	n.d.	n.d.
125.	o-aminoazotoluene (CAS No.: 97-56-3)	0.05	n.d.	n.d.	n.d.
126.	Lead tetroxide (orange lead)*** (CAS No.: 1314-41-6)	-	n.d.	n.d.	n.d.
127.	o-Toluidine; 2-Aminotoluene (CAS No.: 95-53-4)	0.05	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 30 of 36

ZEROPLUS TECHNOLOGY CO., LTD



2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN

No.	Substance Name	RL	Concentration		
			No.10	No.11	No.12
128.	Pentacosfluorotridecanoic acid (CAS No.: 72629-94-8)	0.05	n.d.	n.d.	n.d.
129.	Pentalead tetraoxide sulphate*** (CAS No.: 12065-90-6)	-	n.d.	n.d.	n.d.
130.	Pyrochlore, antimony lead yellow*** (CAS No.: 8012-00-8)	-	n.d.	n.d.	n.d.
131.	Silicic acid, barium salt, lead-doped (※4) (CAS No.: 68784-75-8)	0.05	N/A*	n.d.	n.d.
132.	Silicic acid, lead salt*** (CAS No.: 11120-22-2)	-	n.d.	n.d.	n.d.
133.	Sulfurous acid, lead salt, dibasic*** (CAS No.: 62229-08-7)	-	n.d.	n.d.	n.d.
134.	Tetraethyllead*** (CAS No.: 78-00-2)	-	n.d.	n.d.	n.d.
135.	Tetralead trioxide sulphate*** (CAS No.: 12202-17-4)	-	n.d.	n.d.	n.d.
136.	Tricosfluorododecanoic acid (CAS No.: 307-55-1)	0.05	n.d.	n.d.	n.d.
137.	Trilead bis(carbonate) dihydroxide (basic lead carbonate)*** (CAS No.: 1319-46-6)	-	n.d.	n.d.	n.d.
138.	Trilead dioxide phosphonate*** (CAS No.: 12141-20-7)	-	n.d.	n.d.	n.d.
139.	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]	0.05	n.d.	n.d.	n.d.
140.	Ammoniumpentadecafluorooctanoate (APFO)*** (CAS No.: 3825-26-1)	-	n.d.	n.d.	n.d.
141.	Cadmium (Cd) (CAS No.: 7440-43-9)	0.005	n.d.	n.d.	n.d.
142.	Cadmium oxide*** (CAS No.: 1306-19-0)	-	n.d.	n.d.	n.d.
143.	Dipentyl phthalate (CAS No.: 131-18-0)	0.05	n.d.	n.d.	n.d.
144.	Pentadecafluorooctanoic acid (PFOA) (CAS No.: 335-67-1)	0.05	n.d.	n.d.	n.d.
145.	Cadmium sulphide*** (CAS No.: 1306-23-6)	-	n.d.	n.d.	n.d.
146.	Dihexyl phthalate (CAS No.: 84-75-3)	0.05	n.d.	n.d.	n.d.
147.	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) (CAS No.: 573-58-0)	0.05	n.d.	n.d.	n.d.
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) (CAS No.: 1937-37-7)	0.05	n.d.	n.d.	n.d.
149.	Imidazolidine-2-thione; 2-imidazoline-2-thiol (CAS No.: 96-45-7)	0.05	n.d.	n.d.	n.d.
150.	Lead di(acetate)*** (CAS No.: 301-04-2)	-	n.d.	n.d.	n.d.
151.	Trixylyl phosphate (CAS No.: 25155-23-1)	0.05	n.d.	n.d.	n.d.
152.	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (CAS No.: 68515-50-4)	0.05	n.d.	n.d.	n.d.
153.	Cadmium chloride*** (CAS No.: 10108-64-2)	-	n.d.	n.d.	n.d.
154.	Sodium perborate; perboric acid, sodium salt***	-	n.d.	N/A*	n.d.
155.	Sodium peroxometaborate*** (CAS No.: 7632-04-4)	-	n.d.	N/A*	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 31 of 36

ZEROPLUS TECHNOLOGY CO., LTD



2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN

No.	Substance Name	RL	Concentration		
			No.10	No.11	No.12
156.	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) (CAS No.: 25973-55-1)	0.05	n.d.	n.d.	n.d.
157.	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) (CAS No.: 3846-71-7)	0.05	n.d.	n.d.	n.d.
158.	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)*** (CAS No.: 15571-58-1)	-	n.d.	n.d.	n.d.
159.	Cadmium fluoride*** (CAS No.: 7790-79-6)	-	n.d.	n.d.	n.d.
160.	Cadmium sulphate*** (CAS No.: 10124-36-4; 31119-53-6)	-	n.d.	n.d.	n.d.
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)***	-	n.d.	n.d.	n.d.
162.	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (CAS No.: 68515-51-5; 68648-93-1)	0.05	n.d.	n.d.	n.d.
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]	0.05	n.d.	n.d.	n.d.
164.	1,3-propanesultone (CAS No.: 214-317-9)	0.05	n.d.	n.d.	n.d.
165.	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) (CAS No.: 223-383-8)	0.05	n.d.	n.d.	n.d.
166.	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) (CAS No.: 253-037-1)	0.05	n.d.	n.d.	n.d.
167.	Nitrobenzene (CAS No.: 202-716-0)	0.05	n.d.	n.d.	n.d.
168.	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-heptadecafluorononanoic acid and its sodium and ammonium salts (CAS No.: 206-801-3)	0.05	n.d.	n.d.	n.d.
169.	Benzo[def]chrysene (Benzo[a]pyrene) (CAS No.: 50-32-8)	0.05	n.d.	n.d.	n.d.
170.	4,4'-isopropylidenediphenol (Bisphenol A) (CAS No.: 80-05-7)	0.05	n.d.	n.d.	n.d.
171.	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]	0.05	n.d.	n.d.	n.d.
172.	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts (CAS No.: 3108-42-7, 335-76-2, 3830-45-3)	0.05	n.d.	n.d.	n.d.
173.	p-(1,1-dimethylpropyl) phenol (PTAP) (CAS No.: 80-46-6)	0.05	n.d.	n.d.	n.d.
174.	Perfluorohexane-1-sulphonic acid and its salts (PFHxS) (CAS No.: 355-46-4)	0.05	n.d.	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 32 of 36

ZEROPLUS TECHNOLOGY CO., LTD

2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN



## Remark:

1. Candidate List of SVHC (2017/7/7)  
<http://echa.europa.eu/web/guest/candidate-list-table>
2. In accordance with Regulation (EC) No 1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 2 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).
3. Article 33 of Regulation (EC) No 1907/2006 requires supplier of an 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.
4. 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.
5. AQL stands for Acceptable Quality Level. The spot sampling approach of high risk Test Samples selected from the complex article is based on a statistical risk Test Sample database and using a simplified "Acceptable Quality Level" criteria with reference to DIN ISO 2859-1.
6. The summary is made based on the test results and the AQL sampling of Test Samples based on a statistical risk Test Sample database which may be contained in electric and electronic products.  
 For further information on the article definition see Court of Justice of the European Union Press Release No 100/15:  
[http://curia.europa.eu/jcms/upload/docs/application/pdf/2015-09/cP\\$150100en.pdf](http://curia.europa.eu/jcms/upload/docs/application/pdf/2015-09/cP$150100en.pdf)

# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 33 of 36

ZEROPLUS TECHNOLOGY CO., LTD



2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN

## Note :

1. mg/kg = ppm; 0.1wt% = 1000ppm
2. RL = Reporting Limit
3. n.d.= not detected = below Reporting Limit
4. (\* 1): Oligomers of chromic acid and dichromic acid : since the oligomers are made of the unknown amount of chromic acid or dichromic acid that results in no fixed molecular weight, therefore the monomer of chromic acid or dichromic acid is relevant and considered.
5. (\* 2): Tetraboron disodium heptaoxide, hydrate: Only anhydrous form of disodium tetraborate is relevant and considered according to ECHA explanation (Ref no.: INC 000000032519).
6. F Parameter Conversion Table : Please refer to [http://twap.sgs.com/sgsrsts/chn/download-REACH\\_tw.asp](http://twap.sgs.com/sgsrsts/chn/download-REACH_tw.asp)
7. Classification : Please refer to [http://twap.sgs.com/sgsrsts/chn/download-REACH\\_tw.asp](http://twap.sgs.com/sgsrsts/chn/download-REACH_tw.asp)
8. " - " = Not Regulated
9. (\*): conc. of Sodium dichromate dihydrate (CAS No.: 7789-12-0) = conc. of sodium dichromate × 1.1374
10. (\*\*): The concentrations of above-mentioned mixtures are evaluated per the gained composition rate between the selected marks and the mixtures.
11. \*\*\*: The substance was calculated by the test results of MonoctylTin, Dioctyl Tin, Tributyl Tin, Dibutyl Tin, PFOA or element (Ex. Arsenic, Lead, Cr(VI), Boron, Cobalt, Barium, Cadmium respectively).

The test result is given as: (Unit: %)

Substance Name	RL	Concentration				
		No.1	No.2	No.3	No.4	No.5
Tributyl Tin (TBT)	0.05	n.d.	n.d.	n.d.	n.d.	n.d.
Arsenic (As) (※2)	0.005	n.d.	n.d.	n.d.	n.d.	n.d.
Lead (Pb)	0.005	n.d.	n.d.	n.d.	n.d.	n.d.
Hexavalent Chromium Cr(VI)	0.005	n.d.	n.d.	n.d.	n.d.	n.d.
Boron (B) (※2)	0.005	n.d.	n.d.	n.d.	n.d.	n.d.
Cobalt (Co)	0.005	n.d.	n.d.	n.d.	n.d.	n.d.
Dibutyl Tin (DBT)	0.05	n.d.	n.d.	n.d.	n.d.	n.d.
Barium (Ba)	0.005	n.d.	0.0510	0.0139	0.0208	0.0251
Dioctyl Tin (DOT)	0.0230	n.d.	n.d.	n.d.	n.d.	n.d.
MonoctylTin (MOT)	0.0138	n.d.	n.d.	n.d.	n.d.	n.d.

# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 34 of 36

ZEROPLUS TECHNOLOGY CO., LTD



2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN

Substance Name	RL	Concentration				
		No.6	No.7	No.8	No.9	No.10
Tributyl Tin (TBT)	0.05	n.d.	n.d.	n.d.	n.d.	n.d.
Arsenic (As) (※2)	0.005	n.d.	n.d.	n.d.	n.d.	n.d.
Lead (Pb)	0.005	n.d.	n.d.	n.d.	n.d.	n.d.
Hexavalent Chromium Cr(VI)	0.005	n.d.	n.d.	n.d.	n.d.	n.d.
Boron (B) (※2)	0.005	n.d.	n.d.	n.d.	n.d.	n.d.
Cobalt (Co)	0.005	n.d.	n.d.	n.d.	n.d.	n.d.
Dibutyl Tin (DBT)	0.05	n.d.	n.d.	n.d.	n.d.	n.d.
Barium (Ba)	0.005	0.0085	n.d.	0.0055	n.d.	0.0367
Diocetyl Tin (DOT)	0.0230	n.d.	n.d.	n.d.	n.d.	n.d.
MonooctylTin (MOT)	0.0138	n.d.	n.d.	n.d.	n.d.	n.d.

Substance Name	RL	Concentration	
		No.11	No.12
Tributyl Tin (TBT)	0.05	n.d.	n.d.
Arsenic (As) (※2)	0.005	n.d.	n.d.
Lead (Pb)	0.005	n.d.	n.d.
Hexavalent Chromium Cr(VI)	0.005	n.d.	n.d.
Boron (B) (※2)	0.005	0.0069	n.d.
Cobalt (Co)	0.005	n.d.	n.d.
Dibutyl Tin (DBT)	0.05	n.d.	n.d.
Barium (Ba)	0.005	0.0057	0.247
Diocetyl Tin (DOT)	0.0230	n.d.	n.d.
MonooctylTin (MOT)	0.0138	n.d.	n.d.

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# Test Report

No. : CC/2017/80234

Date : 2017/12/29

Page: 35 of 36

ZEROPLUS TECHNOLOGY CO., LTD



2F., NO. 123, JIAN 8TH RD., ZHONGHE DIST., NEW TAIPEI CITY, 23585, TAIWAN

12. (※1): Regarding the compound containing arsenic and lead, lead and arsenic are tested and respectively used for the calculation of the independent concentration of the compound containing arsenic and lead. The minimum value of the two independently calculated concentrations is used as the final concentration for the report.
13. (※2): The extracted soluble Boron / Arsenic are detected by ICP-AES.
14. (※3): TGIC is a mixture and also contains  $\beta$ -TGIC. According to the ECHA's technical dossier the ratio of  $\beta$ -TGIC to TGIC is around 1 to 10. Therefore  $\beta$ -TGIC is issued based on the above-mentioned ratio.
15. (※4): Only if both qualitative results of lead and silicon are positive, the test result of the compound will be calculated based on the concentration of barium.
16. (※5): Regarding the compound containing Cr(VI) and lead, lead and Cr(VI) are tested and respectively used for the calculation of the independent concentration of the compound containing Cr(VI) and lead. The minimum value of the two independently calculated concentrations is used as the final concentration for the report.
17. For No.9: The result was retested after regetting the sample from client.
18. N/A\* = Not Applicable to direct analysis. The item can't directly be identified. Therefore the specific element(s) of SVHC was analysed according to the recommendation from the ECHA. The submitted sample was found to contain detectable amount of specific element(s) of SVHC. Upon further test verification or information provided from the client, the source of the detectable specific element(s) can't be identified from SVHC. Therefore the test result is expressed as N/A\*.

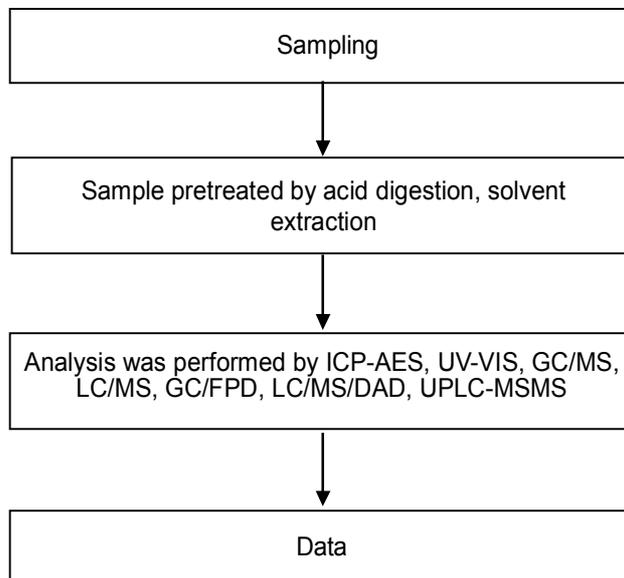
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### Analytical flow chart of SVHC

- Technician: Yaling Tu, JR Wang
- Supervisor: Troy Chang



\*\* End of Report \*\*