



厦门法拉电子股份有限公司
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证 明
Certificate

我们在这里郑重声明，我们的薄膜电容器产品符合REACH[(EC) No 1907/2006]法规要求。

We hereby declare that our Film Capacitors comply with the REACH [(EC) No 1907/2006] regulation requirements.

欧盟REACH 指令之高度关注物质(SVHC) 清单

序号 No.	物质 substance	CAS No.	纳入日期 Date of inclusion	批次 Batch	REACH 要求 (wt%) REACH Requirement (wt%)
1	蒽 Anthracene	120-12-7	2008/10/28	第1批 The 1st batch	<0.1
2	4,4'-二氨基二苯基甲烷 4,4'-Diaminodiphenylmethane(MDA)	101-77-9	2008/10/28	第1批 The 1st batch	<0.1
3	二氯化钴 Cobalt dichloride	7646-79-9	2008/10/28	第1批 The 1st batch	<0.1
4	五氧化二砷 Diarsenic pentaoxide	1303-28-2	2008/10/28	第1批 The 1st batch	<0.1
5	三氧化二砷 Diarsenic trioxide	1327-53-3	2008/10/28	第1批 The 1st batch	<0.1
6	重铬酸钠 Sodium dichromate	7789-12-0 10588-01-9	2008/10/28	第1批 The 1st batch	<0.1
7	二甲苯麝香 5-tert-butyl-2,4,6-trinitro-m-xylene(musk xylene)	81-15-2	2008/10/28	第1批 The 1st batch	<0.1
8	邻苯二甲酸二丁酯 Dibutyl phthalate(DBP)	84-74-2	2008/10/28	第1批 The 1st batch	<0.1
9	邻苯二甲酸二辛酯 Bis(2-ethylhexyl)phthalate(DEHP)	117-81-7	2008/10/28	第1批 The 1st batch	<0.1
10	邻苯二甲酸丁苄酯 Benzyl butyl phthalate(BBP)	85-68-7	2008/10/28	第1批 The 1st batch	<0.1
11	六溴环十二烷以及所有主要的非对应异构体 Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified:Alpha-hexabromocyclododecane/Beta-hexabromocyclododecane/Gamma-hexabromocyclododecane	25637-99-4 134237-50-6, 134237-51-7, 134237-52-8	2008/10/28	第1批 The 1st batch	<0.1
12	(C10-C13 氯代烃) (短链氯化石蜡) Alkanes,C10-13,Chloro(short chain chlorinated paraffins)	85535-84-8	2008/10/28	第1批 The 1st batch	<0.1
13	双三丁基氧化锡 Bis(tributyltin)oxide(TBTO)	56-35-9	2008/10/28	第1批 The 1st batch	<0.1
14	砷酸氢铅 Lead hydrogen arsenate	7784-40-9	2008/10/28	第1批 The 1st batch	<0.1
15	三乙基砷酸酯 Triethyl arsenate	15606-95-8	2008/10/28	第1批 The 1st batch	<0.1
16	蒽油 Anthracene oil	90640-80-5	2010/1/13	第2批 The 2nd batch	<0.1
17	蒽油,蒽糊,轻油 Anthracene oil, anthracene paste, distn. Lights	91995-17-4	2010/1/13	第2批 The 2nd batch	<0.1
18	蒽油,蒽糊,蒽馏分离液 Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	2010/1/13	第2批 The 2nd batch	<0.1

19	蒽油,含蒽量少 Anthracene oil, anthracene-low	90640-82-7	2010/1/13	第2批 The 2nd batch	<0.1
20	蒽油,蒽糊 Anthracene oil, anthracene paste	90640-81-6	2010/1/13	第2批 The 2nd batch	<0.1
21	邻苯二甲酸二异丁酯(DIBP) Diisobutyl phthalate (DIBP)	84-69-5	2010/1/13	第2批 The 2nd batch	<0.1
22	2,4-二硝基甲苯 2,4-Dinitrotoluene	121-14-2	2010/1/13	第2批 The 2nd batch	<0.1
23	煤沥青 Pitch, coal tar, high temp	65996-93-2	2010/1/13	第2批 The 2nd batch	<0.1
24	磷酸三(2-氯乙基)酯(TCEP) Tris(2-chloroethyl)phosphate	115-96-8	2010/1/13	第2批 The 2nd batch	<0.1
25	丙烯酰胺 Acrylamide	79-06-1	2010/1/13	第2批 The 2nd batch	<0.1
26	铬酸铅 Lead chromate	7758-97-6	2010/1/13	第2批 The 2nd batch	<0.1
27	钼铬红(C.I.颜料红104) Lead chromate molybdate sulphate red(C.I pigment red 104)	12656-85-8	2010/1/13	第2批 The 2nd batch	<0.1
28	钼铬黄(C.I.颜料黄 34) Lead sulfochromate yellow(C.I pigment yellow 34)	1344-37-2	2010/3/30	第2批 The 2nd batch	<0.1
29	三氯乙烯 Trichloroethylene	79-01-6	2010/6/18	第3批 The 3rd batch	<0.1
30	硼酸 Boric acid	10043-35-3 11113-50-1	2010/6/18	第3批 The 3rd batch	<0.1
31	无水四硼酸二钠 Disodium tetraborate ,anhydrous	1330-43-4 12179-04-3 1303-96-4	2010/6/18	第3批 The 3rd batch	<0.1
32	水和硼酸钠 Tetraboron disodium heptaoxide, hydrate	12267-73-1	2010/6/18	第3批 The 3rd batch	<0.1
33	铬酸钠 Sodium chromate	7775/11/3	2010/6/18	第3批 The 3rd batch	<0.1
34	铬酸钾 Potassium chromate	7789-00-6	2010/6/18	第3批 The 3rd batch	<0.1
35	重铬酸铵 Ammonium dichromate	7789-09-5	2010/6/18	第3批 The 3rd batch	<0.1
36	重铬酸钾 Potassium dichromate	7778-50-9	2010/6/18	第3批 The 3rd batch	<0.1
37	硫酸钴 Cobalt(II) sulphate	10124-43-3	2010/12/15	第4批 The 4th batch	<0.1
38	硝酸钴 Cobalt(II) dinitrate	10141-05-6	2010/12/15	第4批 The 4th batch	<0.1
39	碳酸钴 Cobalt(II) carbonate	513-79-1	2010/12/15	第4批 The 4th batch	<0.1
40	醋酸钴 Cobalt(II) diacetate	71-48-7	2010/12/15	第4批 The 4th batch	<0.1
41	乙二醇单甲醚 2-Methoxyethanol	109-86-4	2010/12/15	第4批 The 4th batch	<0.1
42	乙二醇单乙醚 2-Ethoxyethanol	110-80-5	2010/12/15	第4批 The 4th batch	<0.1
43	三氧化铬 Chromium trioxide	1333-82-0	2010/12/15	第4批 The 4th batch	<0.1
44	铬酸、二铬酸、铬酸及二铬酸的低聚物 Acids generated from chromium trioxide and their oligomers Chromic acid, Dichromic acid, Oligomers of chromix and dichromic acid.	7738-94-5 , 13530-68-2	2010/12/15	第4批 The 4th batch	<0.1
45	乙二醇乙醚醋酸酯 2-Ethoxyethyl acetate	111-15-9	2011/6/20	第5批 The 5th batch	<0.1
46	铬酸锶 Strontium chromate	7789/6/2	2011/6/20	第5批 The 5th batch	<0.1

47	1,2-苯二甲酸二(C7-11支链与直链)烷基(醇)酯 1,2-Benzenedicarboxylic acid, di-C7-11- branched and linear alkyl esters	68515-42-4	2011/6/20	第5批 The 5th batch	<0.1
48	肼 Hydrazine	302-01-2 7803-57-8	2011/6/20	第5批 The 5th batch	<0.1
49	1-甲基-2-吡咯烷酮 1-methyl-2-pyrrolidone	872-50-4	2011/6/20	第5批 The 5th batch	<0.1
50	1,2,3-三氯丙烷 1,2,3-trichloropropane	96-18-4	2011/6/20	第5批 The 5th batch	<0.1
51	邻苯二甲酸二(C6-8支链与直链)烷基酯, 富C7 (DIHP) 1,2-Benzenedicarboxylic acid, di-C6-8- branched alkyl esters, C7-rich	71888-89-6	2011/6/20	第5批 The 5th batch	<0.1
52	铬酸铬 Dichromiumtris (Chromate)	24613-89-6	2011/12/19	第6批 The 6th batch	<0.1
53	氢氧化铬酸锌钾 Potassium hydroxyoctaoxodizincatedi-chromate	11103-86-9	2011/12/19	第6批 The 6th batch	<0.1
54	锌黄 Pentazinc chromate octahydroxide	49663-84-5	2011/12/19	第6批 The 6th batch	<0.1
55	硅酸铝, 耐火陶瓷纤维(RCF) Aluminosilicate Refractory Ceramic Fibres (RCF)	-	2011/12/19	第6批 The 6th batch	<0.1
56	锆硅酸铝, 耐火陶瓷纤维(Zr-RCF) Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	-	2011/12/19	第6批 The 6th batch	<0.1
57	甲醛与苯胺的聚合物 Formaldehyde, oligomeric reaction products with aniline(technical MDA)	25214-70-4	2011/12/19	第6批 The 6th batch	<0.1
58	邻苯二甲酸二甲氧乙酯 Bis(2-methoxyethyl) phthalate	117-82-8	2011/12/19	第6批 The 6th batch	<0.1
59	邻甲氧基苯胺 2-Methoxyaniline, o-Anisidine	90-04-0	2011/12/19	第6批 The 6th batch	<0.1
60	对特辛基苯酚 4(1,1,3,3-tetramethylbutyl)phenol	140-66-9	2011/12/19	第6批 The 6th batch	<0.1
61	1,2-二氯乙烷 1,2-Dichloroethane	107-06-2	2011/12/19	第6批 The 6th batch	<0.1
62	二乙二醇二甲醚 Bis(2-methoxyethyl)ether	111-96-6	2011/12/19	第6批 The 6th batch	<0.1
63	砷酸、原砷酸 Arsenic acid	7778-39-4	2011/12/19	第6批 The 6th batch	<0.1
64	砷酸钙 Calcium arsenate	7778-44-1	2011/12/19	第6批 The 6th batch	<0.1
65	砷酸铅 Trilead diarsenate	3687-31-8	2011/12/19	第6批 The 6th batch	<0.1
66	N,N-二甲基乙酰胺 (DMAC) N,N-dimethylacetamide(DMAC)	127-19-5	2011/12/19	第6批 The 6th batch	<0.1
67	4,4'-二氨基-2,2'-二氯二苯甲烷 (MOCA) 2,2'-dichloro-4,4'-methylenedianiline	101-14-4	2011/12/19	第6批 The 6th batch	<0.1
68	酚酞 Phenolphthalein	77-09-8	2011/12/19	第6批 The 6th batch	<0.1
69	迭氮化铅 Lead diazide	13424-46-9	2011/12/19	第6批 The 6th batch	<0.1
70	收敛酸铅 Lead styphnate	15245-44-0	2011/12/19	第6批 The 6th batch	<0.1
71	苦味酸铅 Lead dipicrate	6477-64-1	2011/12/19	第6批 The 6th batch	<0.1
72	1,2-二(2-甲氧基乙氧基)乙烷 1,2-bis(2- methoxyethoxy)ethane(TEGDME; triglyme)	112-49-2	2012/6/18	第7批 The 7th batch	<0.1

73	乙二醇二甲醚 1,2-dimethoxyethane;ethylene glycol dimethyl ether(EGDME)	110-71-4	2012/6/18	第7批 The 7th batch	<0.1
74	三氧化二硼 Diboron trioxide	1303-86-2	2012/6/18	第7批 The 7th batch	<0.1
75	甲酰胺 Formamide	75-12-7	2012/6/18	第7批 The 7th batch	<0.1
76	甲磺酸铅(II)溶液 Lead (II) bis(methanesulfonate)	17570-76-2	2012/6/18	第7批 The 7th batch	<0.1
77	异氰尿酸三缩水甘油酯 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	2012/6/18	第7批 The 7th batch	<0.1
78	異氰脲酸β-三缩水甘油酯 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	2012/6/18	第7批 The 7th batch	<0.1
79	4,4'-二(N,N-二甲氨基)二苯甲酮(米氏酮) 4,4'-bis(dimethylamino)benzophenone(Michler's ketone)	90-94-8	2012/6/18	第7批 The 7th batch	<0.1
80	4,4'-(对二甲氨基)二苯基甲烷(米氏碱) N,N,N',N'-tetramethyl-4,4'-methylenedianiline(Michler's base)	101-61-1	2012/6/18	第7批 The 7th batch	<0.1
81	碱性紫 [4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	2012/6/18	第7批 The 7th batch	<0.1
82	碱性蓝26 [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	2012/6/18	第7批 The 7th batch	<0.1
83	溶剂蓝4 α,α-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	2012/6/18	第7批 The 7th batch	<0.1
84	α,α-二[(二甲氨基)苯基]-4-甲氨基苯甲醇 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	2012/6/18	第7批 The 7th batch	<0.1
85	十溴联苯醚 Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	2012/12/19	第8批 The 8th batch	<0.1
86	全氟十三酸 Pentacosafuorotridecanoic acid	72629-94-8	2012/12/19	第8批 The 8th batch	<0.1
87	全氟十二烷酸 Tricosafuorododecanoic acid	307-55-1	2012/12/19	第8批 The 8th batch	<0.1
88	全氟十一烷酸 Henicosafuoroundecanoic acid	2058-94-8	2012/12/19	第8批 The 8th batch	<0.1
89	全氟十四烷酸 Heptacosafuorotetradecanoic acid	376-06-7	2012/12/19	第8批 The 8th batch	<0.1
90	4-(1,1,3,3-四甲基丁基)苯酚, 乙氧基- 以及所有的被定义的物质, 未知成分或可变成成分的物质, 聚合物和同系物 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	-	2012/12/19	第8批 The 8th batch	<0.1
91	4-壬基(支链与直链)苯酚 4-Nonylphenol, branched and linear	-	2012/12/19	第8批 The 8th batch	<0.1
92	偶氮二甲酰胺 C,C'-azodi(formamide) (ADCA)	123-77-3	2012/12/19	第8批 The 8th batch	<0.1

93	环己烷-1,2-二羧酸酐 Hexahydro-2-benzofuran-1,3-dione, 顺式-环己烷-1,2-二羧酸酐 cis-cyclohexane-1,2-dicarboxylic anhydride, 反式-环己烷-1,2-二羧酸酐 trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7, 13149-00-3, 14166-21-3	2012/12/19	第8批 The 8th batch	<0.1
94	甲基六氢邻苯二甲酸酐 Hexahydromethylphthalic anhydride	25550-51-0	2012/12/19	第8批 The 8th batch	<0.1
	4-甲基六氢邻苯二甲酸酐 Hexahydro-4-methylphthalic anhydride	19438-60-9	2012/12/19	第8批 The 8th batch	<0.1
	1-甲基六氢邻苯二甲酸酐 Hexahydro-1-methylphthalic anhydride	48122-14-1	2012/12/19	第8批 The 8th batch	<0.1
	3-甲基六氢邻苯二甲酸酐 Hexahydro-3-methylphthalic anhydride	57110-29-9	2012/12/19	第8批 The 8th batch	<0.1
95	甲氧基乙酸 Methoxyacetic acid	625-45-6	2012/12/19	第8批 The 8th batch	<0.1
96	1,2-苯二酸-二(支链与直链)戊基酯 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	2012/12/19	第8批 The 8th batch	<0.1
97	邻苯二甲酸二异戊酯 Diisopentylphthalate (DIPP)	605-50-5	2012/12/19	第8批 The 8th batch	<0.1
98	邻苯二甲酸正戊基异戊基酯 N-pentyl-isopentylphthalate	776297-69-9	2012/12/19	第8批 The 8th batch	<0.1
99	乙二醇二乙醚 1,2-Diethoxyethane	629-14-1	2012/12/19	第8批 The 8th batch	<0.1
100	N,N-二甲基甲酰胺 N,N-dimethylformamide	68-12-2	2012/12/19	第8批 The 8th batch	<0.1
101	二氯二丁基锡/二丁基二氯化锡 Dibutyltin dichloride (DBTC)	683-18-1	2012/12/19	第8批 The 8th batch	<0.1
102	碱式醋酸铅/醋酸铅/乙酸铅 Acetic acid, lead salt, basic	51404-69-4	2012/12/19	第8批 The 8th batch	<0.1
103	碱式碳酸铅 Trilead bis(carbonate)dihydroxide	1319-46-6	2012/12/19	第8批 The 8th batch	<0.1
104	碱式硫酸铅 Lead oxide sulfate	12036-76-9	2012/12/19	第8批 The 8th batch	<0.1
105	二盐基邻苯二甲酸铅 [Phthalato(2-)]dioxotrilead	69011-06-9	2012/12/19	第8批 The 8th batch	<0.1
106	双(十八酸基)二氧代三铅 Dioxobis(stearato)trilead	12578-12-0	2012/12/19	第8批 The 8th batch	<0.1
107	C16-18-脂肪酸铅盐 Fatty acids, C16-18, lead salts	91031-62-8	2012/12/19	第8批 The 8th batch	<0.1
108	氨基氰铅盐 Lead cyanamidate	20837-86-9	2012/12/19	第8批 The 8th batch	<0.1
109	硝酸铅 Lead dinitrate	10099-74-8	2012/12/19	第8批 The 8th batch	<0.1
110	一氧化铅 Lead oxide	1317-36-8	2012/12/19	第8批 The 8th batch	<0.1
111	四氧化三铅 Lead tetroxide	1314-41-6	2012/12/19	第8批 The 8th batch	<0.1
112	氧化铅与硫酸铅的复合物 Pentalead tetraoxide sulphate	12065-90-6	2012/12/19	第8批 The 8th batch	<0.1
113	硅酸铅 Silicic acid, lead salt	11120-22-2	2012/12/19	第8批 The 8th batch	<0.1
114	二碱式亚硫酸铅 Sulfurous acid, lead salt, dibasic	62229-08-7	2012/12/19	第8批 The 8th batch	<0.1
115	四乙基铅 Tetraethyllead	78-00-2	2012/12/19	第8批 The 8th batch	<0.1
116	硫酸三氧化四铅 Tetralead trioxide sulphate	12202-17-4	2012/12/19	第8批 The 8th batch	<0.1
117	四氟硼酸铅(II)/氟硼酸铅 Lead bis(tetrafluoroborate)	13814-96-5	2012/12/19	第8批 The 8th batch	<0.1
118	钛酸铅 Lead titanium trioxide	12060-00-3	2012/12/19	第8批 The 8th batch	<0.1

119	钛酸铅锆 Lead Titanium Zirconium Oxide	12626-81-2	2012/12/19	第8批 The 8th batch	<0.1
120	铅锑黄 Pyrochlore, antimony lead yellow	8012-00-8	2012/12/19	第8批 The 8th batch	<0.1
121	磷酸氧化铅/二碱式亚磷酸铅 Trilead dioxide phosphonate	12141-20-7	2012/12/19	第8批 The 8th batch	<0.1
122	掺杂铅的硅酸钡* Silicic acid, barium salt, lead-doped	68784-75-8	2012/12/19	第8批 The 8th batch	<0.1
123	呋喃 Furan	110-00-9	2012/12/19	第8批 The 8th batch	<0.1
124	1,2-环氧丙烷 Propylene oxide	75-56-9	2012/12/19	第8批 The 8th batch	<0.1
125	硫酸二乙酯 Diethyl sulphate	64-67-5	2012/12/19	第8批 The 8th batch	<0.1
126	硫酸二甲酯 Dimethyl sulphate	77-78-1	2012/12/19	第8批 The 8th batch	<0.1
127	3-乙基-2-甲基-2-(3-甲基丁基)-1,3-恶唑烷 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	2012/12/19	第8批 The 8th batch	<0.1
128	2-(1-甲基丙基)-4,6-二硝基苯酚/地乐酚/(4,6-二硝基邻仲丁基酚) Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	2012/12/19	第8批 The 8th batch	<0.1
129	4,4'-二氨基二苯甲烷-3,3'-二甲基二苯甲烷 4,4'-methylenedi-o-toluidine	838-88-0	2012/12/19	第8批 The 8th batch	<0.1
130	4,4'-二氨基二苯醚 4,4'-Oxydianiline	101-80-4	2012/12/19	第8批 The 8th batch	<0.1
131	4-氨基偶氮苯 4-Aminoazobenzene	60-09-3	2012/12/19	第8批 The 8th batch	<0.1
132	2,4-二氨基甲苯 4-Methyl-m-phenylenediamine	95-80-7	2012/12/19	第8批 The 8th batch	<0.1
133	2-甲氧基-5-甲基苯胺 6-Methoxy-m-toluidine	120-71-8	2012/12/19	第8批 The 8th batch	<0.1
134	4-氨基联苯 Biphenyl-4-ylamine	92-67-1	2012/12/19	第8批 The 8th batch	<0.1
135	邻-氨基偶氮甲苯 o-Aminoazotoluene	97-56-3	2012/12/19	第8批 The 8th batch	<0.1
136	2-氨基甲苯 o-Toluidine	95-53-4	2012/12/19	第8批 The 8th batch	<0.1
137	N-甲基乙酰胺 N-methylacetamide	79-16-3	2012/12/19	第8批 The 8th batch	<0.1
138	1-溴丙烷 1-Bromopropane	106-94-5	2012/12/19	第8批 The 8th batch	<0.1
139	全氟辛酸 Pentadecafluorooctanoic acid (PFOA)	335-67-1	2013/6/20	第9批 The 9th batch	<0.1
140	十五代氟辛酸铵盐 Ammoniumpentadecafluorootanoate (APFO)	3825-26-1	2013/6/20	第9批 The 9th batch	<0.1
141	氧化镉 Cadmium oxide	1306-19-0	2013/6/20	第9批 The 9th batch	<0.1
142	镉 Cadmium	7440-43-9	2013/6/20	第9批 The 9th batch	<0.1
143	4-壬基酚, 支链和直链, 乙氧基[由一含9个碳的直链和/或支链烷基链, 在碳4的位置共价有苯酚、乙氧基覆盖的非线性结构和明确的物质, 包括任何单一的同分异构体和/或其组合] 4-Nonylphenol, branched and linear, ethoxylated	-	2013/6/20	第9批 The 9th batch	<0.1
144	邻苯二甲酸二戊酯 Dipentyl phthalate (DPP)	131-18-0	2013/6/20	第9批 The 9th batch	<0.1
145	硫化镉 Cadmium sulphide	1306-23-6	2013/12/16	第10批 The 10th batch	<0.1
146	1,2-苯二甲酸二己酯 Dihexyl phthalate	84-75-3	2013/12/16	第10批 The 10th batch	<0.1

147	C.I.直接黑28 Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	2013/12/16	第10批 The 10th batch	<0.1
148	C.I.直接黑38 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	2013/12/16	第10批 The 10th batch	<0.1
149	2-巯基咪唑啉 Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	2013/12/16	第10批 The 10th batch	<0.1
150	醋酸铅 Lead di (acetate)	301-04-2	2013/12/16	第10批 The 10th batch	<0.1
151	磷酸三(二甲苯)酯 Trixylyl phosphate	25155-23-1	2013/12/16	第10批 The 10th batch	<0.1
152	邻苯二甲酸二己酯 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	2014/6/16	第11批 The 11th batch	<0.1
153	过硼酸钠水合物 Sodium perborate; perboric acid, sodium salt	-	2014/6/16	第11批 The 11th batch	<0.1
154	过硼酸钠 Sodium peroxometaborate	7632-04-4	2014/6/16	第11批 The 11th batch	<0.1
155	氯化镉 Cadmium chloride	10108-64-2	2014/6/16	第11批 The 11th batch	<0.1
156	2-(2H-苯并三唑-2-基)-4,6-二叔戊基苯酚 (UV328) 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	2014/12/17	第12批 The 12th batch	<0.1
157	2-(2'-羟基-3',5'-二叔丁基苯基)-苯并三唑(UV-320) 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	2014/12/17	第12批 The 12th batch	<0.1
158	二正辛基-双(巯乙酸2-乙基己酯)锡(DOTE) 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate(DOTE)	15571-58-1	2014/12/17	第12批 The 12th batch	<0.1
159	氟化镉 Cadmium fluoride	7790-79-6	2014/12/17	第12批 The 12th batch	<0.1
160	硫酸镉 Cadmium sulphate	10124-36-4 31119-53-6	2014/12/17	第12批 The 12th batch	<0.1
161	DOTE和MOTE反应产物 Reaction mass of 2-ethylhexyl 10-ethyl-4,4-ioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-xoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-annatetradecanoate	-	2014/12/17	第12批 The 12th batch	<0.1
162	1,2-苯二羧酸, 二-碳6-10-烷基酯; (葵基, 己基, 辛基) 酯与1,2-苯二甲酸的复合物, 其邻苯二甲酸二己酯含量≥ 0.3% (EC No. 201-559-5) 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	2015/6/15	第13批 The 13th batch	<0.1

163	5-仲丁基-2-(2,4-二甲基-3-环己烯-1基)-5-甲基-1,3-二恶烷 [1], 5-仲丁基-2-(4,6-二甲基-3-环己烯-1基)-5-甲基-1,3-二恶烷[2] (这两种物质的异构体以及它们的混合物) 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	-	2015/6/15	第13批 The 13th batch	<0.1
164	硝基苯 Nitrobenzene	98-95-3	2015/12/17	第14批 The 14th batch	<0.1
165	2,4-二-叔丁基-6-(5-氯-2H-苯并三唑-2-基)苯酚(UV-327) 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	2015/12/17	第14批 The 14th batch	<0.1
166	2-(2'-羟基-3'-异丁基-5'-叔丁基苯基)苯并三唑(UV-350) 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	2015/12/17	第14批 The 14th batch	<0.1
167	1,3-丙烷磺内酯 1,3-propanesultone	1120-71-4	2015/12/17	第14批 The 14th batch	<0.1
168	全氟壬酸及其钠和铵盐 Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	2015/12/17	第14批 The 14th batch	<0.1
169	苯并芘 Benzo[def]chrysene/(Benzo[a]pyrene)	50-32-8	2016/6/20	第15批 The 15th batch	<0.1
170	双酚A (BPA) 4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-7	2016/12/19	第16批 The 16th batch	<0.1
171	全氟癸酸 (PFDA) 及其钠盐和铵盐 Nonadecafluorodecanoic acid(PFDA) and its sodium and ammonium salts	3108-42-7, 335-76-2, 3830-45-3	2016/12/19	第16批 The 16th batch	<0.1
172	支链与直链的4-庚基酚 (直链和/或支链的具有7个碳原子的烷基链共价键在4位的苯酚, 囊括了UVCB和定义明确的物质, 其中包括任何单独异构体和/或它们的组合) 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]	-	2016/12/19	第16批 The 16th batch	<0.1
173	4-(1,1-二甲基丙基)苯酚 p-(1,1-dimethylpropyl)phenol	80-46-6	2016/12/19	第16批 The 16th batch	<0.1
174	全氟己基磺酸及其盐类 (PFHxS)	-	2017/6/14	第17批 The 17th batch	<0.1
175	苯并[a]蒽 Benz[a]anthracene	56-55-3, 1718-53-2	2018/1/15	第18批 The 18th batch	<0.1
176	硝酸镉 Cadmium nitrate	10022-68-1, 10325-94-7	2018/1/15	第18批 The 18th batch	<0.1
177	碳酸镉 Cadmium carbonate	513-78-0	2018/1/15	第18批 The 18th batch	<0.1
178	氢氧化镉 Cadmium hydroxide	21041-95-2	2018/1/15	第18批 The 18th batch	<0.1
179	屈 Chrysene	218-01-9, 1719-03-5	2018/1/15	第18批 The 18th batch	<0.1

180	1,3,4-噻二唑烷-2,5-二硫酮, 甲醛和4-庚基苯酚的支链和直链 (RP-HP) 的反应产物[4-庚基苯酚, 支链和直链含量 $\geq 0.1\%$ w / w] Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear (4-HPbl)	-	2018/1/15	第18批 The 18th batch	<0.1
181	得克隆 (包括其所有反式和顺式异构体及其组合) 1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus" TM) covering any of its individual anti- and syn-isomers or any combination thereof	-	2018/1/15	第18批 The 18th batch	<0.1
182	八甲基環四矽氧烷 (D4) Octamethylcyclotrisiloxane (D4)	556-67-2	2018/6/27	第19批 The 19th batch	<0.1
183	十甲基環五矽氧烷 (D5) Decamethylcyclopentasiloxane (D5)	541-02-6	2018/6/27	第19批 The 19th batch	<0.1
184	十二甲基環、六矽氧烷 (D6) Dodecamethylcyclohexasiloxane (D6)	540-97-6	2018/6/27	第19批 The 19th batch	<0.1
185	铅 Lead	7439-92-1	2018/6/27	第19批 The 19th batch	<0.1
186	八硼酸二鈉 Disodium octaborate	12008-41-2	2018/6/27	第19批 The 19th batch	<0.1
187	苯並(g,h,i) 菲 Benzo[ghi]perylene	191-24-2	2018/6/27	第19批 The 19th batch	<0.1
188	氫化三聯苯 Terphenyl hydrogenated	61788-32-7	2018/6/27	第19批 The 19th batch	<0.1
189	乙二胺 (EDA) Ethylenediamine (EDA)	107-15-3	2018/6/27	第19批 The 19th batch	<0.1
190	偏苯三酸酐 (TMA) Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride, TMA)	552-30-7	2018/6/27	第19批 The 19th batch	<0.1
191	鄰苯二甲酸 二環己酯 (DCHP) Dicyclohexyl phthalate (DCHP)	84-61-7	2018/6/27	第19批 The 19th batch	<0.1
192	芘 Pyrene	129-00-0; 1718-52-1	2019/1/15	第20批 The 20th batch	<0.1
193	菲 Phenanthrene	1985/1/8	2019/1/15	第20批 The 20th batch	<0.1
194	芴 Fluoranthene	206-44-0; 93951-69-0	2019/1/15	第20批 The 20th batch	<0.1
195	苯并[k]芴 Benzo[k]fluoranthene	207-08-9	2019/1/15	第20批 The 20th batch	<0.1
196	2,2-双(4-羟基苯基)-4-甲基戊烷 2,2-bis(4-hydroxyphenyl)-4-methylpentane	6807-17-6	2019/1/15	第20批 The 20th batch	<0.1
197	1,7,7-三甲基-3-(苯亚甲基)双环[2,2,1]庚-2-酮; 3-亚苄基樟脑 1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one 3-benzylidene camphor; 3-BC	15087-24-8	2019/1/15	第20批 The 20th batch	<0.1
198	2,3,3,3-四氟-2-(七氟丙烷氧基)丙酸及其盐类和酰卤及其异构体 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides covering any of their individual isomers and combinations thereof	—	2019/7/16	第21批 The 21st batch	<0.1
199	2-甲氧基乙酸乙酯 2-methoxyethyl acetate	110-49-6	2019/7/16	第21批 The 21st batch	<0.1
200	4-叔丁基苯酚 4-tert-butylphenol	98-54-4	2019/7/16	第21批 The 21st batch	<0.1

201	亚磷酸三(4-壬基苯,支链和直链)酯 (TNPP), 4-壬基酚的w/w≥0.1%, 支链和直链 (4-NP) Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4- nonylphenol, branched and linear (4-NP)	—	2019/7/16	第21批 The 21st batch	<0.1
202	全氟代丁酸及其盐类 Perfluorobutane sulfonic acid (PFBS) and its salts	—	2020/1/16	第22批 The 22st batch	<0.1
203	邻苯二甲酸二异辛酯 Diisohexyl phthalate	71850-09-4	2020/1/16	第22批 The 22st batch	<0.1
204	2-甲基-1-(4-甲基硫苯基)-2-吗啉丙烷-1-酮 2-methyl-1-(4-methylthiophenyl)-2- morpholinopropan-1-one	71868-10-5	2020/1/16	第22批 The 22st batch	<0.1
205	2-苄基-2-二甲基氨基-1-(4-吗啉苯基)丁酮 2-benzyl-2-dimethylamino-4'- morpholinobutyrophenone	119313-12-1	2020/1/16	第22批 The 22st batch	<0.1
206	1-乙烯基咪唑 1-vinylimidazole	1072-63-5	2020/6/25	第23批 The 23st batch	<0.1
207	2-甲基咪唑 2-methylimidazole	693-98-1	2020/6/25	第23批 The 23st batch	<0.1
208	对羟基苯甲酸丁酯 butyl 4-hydroxybenzoate	94-26-8	2020/6/25	第23批 The 23st batch	<0.1
209	双(乙酰丙酮基)二丁基锡 Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	2020/6/25	第23批 The 23st batch	<0.1
210	Bis(2-(2-methoxyethoxy)ethyl)ether 双(2-(2-甲氧基乙氧基)乙基)醚	143-24-8	2021/1/19	第24批 The 24st batch	<0.1
211	Diocetyl tin 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 二月桂酸二辛基锡, 锡烷, 二辛基-双(椰油酰 氧基)衍生物, 以及任何其他锡烷基锡, 二辛基 -, 双(脂肪酰氧基)衍生物。 其中C12是脂肪酰氧基部分的主要碳原子数	/	2021/1/19	第24批 The 24st batch	<0.1
212	1,4-dioxane 1,4-二噁烷	123-91-1	2021/7/8	第25批 The 25st batch	<0.1
213	2,2-bis(bromomethyl) propane 1,3-diol (BMP) 2,2-双(溴甲基)-1,3-丙二醇 (BMP) CAS号: 3296-90-0 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1- propanol (TBNPA) 三溴新戊醇/3-溴-2,2-二溴乙基丙醇(TBNPA) CAS号: 36483-57-5/1522-92-5 2,3-dibromo-1-propanol (2,3-DBPA) 2,3-二溴丙醇(2,3-DBPA)	/	2021/7/8	第25批 The 25st batch	<0.1
214	2-(4-tert-butylbenzyl) propionaldehyde and its individual stereoisomers 2-(4-叔丁基苄基)丙醛及其立体异构体	/	2021/7/8	第25批 The 25st batch	<0.1
215	4,4'-(1-methylpropylidene) bisphenol (bisphenol B) 双酚 B(BPB)	77-40-7	2021/7/8	第25批 The 25st batch	<0.1
216	Glutaral 戊二醛	111-30-8	2021/7/8	第25批 The 25st batch	<0.1

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] 中链氯化石蜡 (MCCP) (UVCB物质, 由≥80%的直链氯代烷烃组成, 碳链长度在C14到C17之间)	/	2021/7/8	第25批 The 25st batch	<0.1
218	Orthoboric acid, sodium salt 硼酸钠	13840-56-7	2021/7/8	第25批 The 25st batch	<0.1
219	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual (PDDP) 烷基酚, 碳链(C12为主, 直链或支链)主要在对位, 包括其任何单个异构体或组合 (PDDP)	/	2021/7/8	第25批 The 25st batch	<0.1
220	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC) 2,2'-亚甲基双-(4-甲基-6-叔丁基苯酚)(DBMC)	119-47-1	2022/1/17	第26批 The 26th batch	<0.1
221	tris(2-methoxyethoxy)vinylsilane 乙烯基-三(2-甲氧基乙氧基)硅烷	1067-53-4	2022/1/17	第26批 The 26th batch	<0.1
222	(±)-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) (±)-1,7,7-三甲基-3-[(4-甲基苯基)亚甲基]双环[2.2.1]庚-2-酮, 包括任何单独的异构体和/或其组合(4-MBC)	/	2022/1/17	第26批 The 26th batch	<0.1
223	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 S-(三环[5.2.1.0' ² , 6]癸-3-烯-8(或9)-基)O-(异丙基或异丁基或2-乙基己基)O-(异丙基或异丁基或2-乙基己基)二硫代磷酸酯	255881-94-8	2022/1/17	第26批 The 26th batch	<0.1
224	N-(hydroxymethyl)acrylamide N-羟甲基丙烯酰胺	942-42-5	2022/6/10	第27批 The 27th batch	<0.1
225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene] 1,2-二(2,4,6-三溴苯氧基)乙烷	37853-59-1	2023/1/17	第28批 The 28th batch	<0.1
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol 四溴双酚A	79-94-7	2023/1/17	第28批 The 28th batch	<0.1
227	4,4'-sulphonyldiphenol 双酚S	80-09-1	2023/1/17	第28批 The 28th batch	<0.1
228	Barium diboron tetraoxide 偏硼酸钡	13701-59-2	2023/1/17	第28批 The 28th batch	<0.1
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof 3,4,5,6-四溴-1,2-苯二羧酸双(2-乙基己基)酯, 包括包括任何单独的异构体和/或其组合	—	2023/1/17	第28批 The 28th batch	<0.1
230	Isobutyl 4-hydroxybenzoate 4-羟基苯甲酸 2-甲基丙酯	4247-02-3	2023/1/17	第28批 The 28th batch	<0.1
231	Melamine 三聚氰胺	108-78-1	2023/1/17	第28批 The 28th batch	<0.1
232	Perfluoroheptanoic acid and its salts 全氟庚酸及其盐	—	2023/1/17	第28批 The 28th batch	<0.1

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 2,2,3,3,5,5,6,6-八氟-4-(1,1,1,2,3,3,3-七氟丙烷-2-基)吗啉和2,2,3,3,5,5,6,6-八氟烷-4-(七氟丙基)吗啉的反应物料	—	2023/1/17	第28批 The 28th batch	<0.1
234	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide 二苯基(2,4,6-三甲基苯甲酰基)氧化膦	75980-60-8	2023/6/14	第29批 The 29th batch	<0.1
235	Bis(4-chlorophenyl) sulphone 4,4'-二氯二苯砜	80-07-9	2023/6/14	第29批 The 29th batch	<0.1

备注：本声明基于我们当前的认知水平并涵盖由法拉电子提供的供商业或实验用的上述所列出型号薄膜电容器产品。但是超出法拉电子管控以外的使用，法拉电子对于此信息的使用情况将不做任何担保、声明及不承担任何与之相关的责任。

Remarks: This statement is based on our current level of knowledge and covers commercial and experimental film capacitors listed above as supplied by Faratronic at the data of issue. FARATRONIC does not assume any responsibility if the customer use Faratronics' parts out from "Specification acknowledgment" and conditions explained in the catalogues.

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