

No.SET2016-02420

检 验 报 告

TEST REPORT

委托单位名称 Client Name	深圳市凯琦佳科技股份有限公司 Shenzhen KaiQiJia technology co., LTD
产 品 名 称 Name of product	铝电解电容器 Aluminium electrolytic capacitor
制 造 厂 商 Manufacturer	深圳市凯琦佳科技股份有限公司 Shenzhen KaiQiJia technology co., LTD
型 号 Model	请参见后页 Please Refer to the following page(s)
检 测 类 别 Test sort	委托试验



中检集团南方电子产品测试（深圳）股份有限公司
CCIC Southern Electronic Product Testing (Shenzhen) Co., Ltd.

地 址：深圳市南山区西丽街道沙河路 43 号电子检测大厦 邮政编码/P.C.: 518055
Address: Electronic Testing Building, No. 43 Shahe Road, Xili Jiedao, Nanshan District, Shenzhen, Guangdong, China
电话/TEL: 86-755-86913585 传真/FAX: 86-755-26701436
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客户信息 Customer information	委托单位 Client	深圳市凯琦佳科技股份有限公司 Shenzhen KaiQiJia technology co., LTD
	地址 Address	广东省深圳市龙岗区葵涌镇葵新社区知己工业园二期 4#厂房 201 4#201 Room Kuixin Community Zhiji Industrial Park Kuicong Town Longgan District Shenzhen City. Guangdong
样品信息 Sample information	样品名称 Name of sample	铝电解电容器 Aluminium electrolytic capacitor
	测试型号 Test Type	FE20400103A6D0S1
	型号规格 Type/Dimension	FE20/FE22 FE21/FE23 FE26/FE28 FE50/FE52 FET2/FET4 FET5/FET7 FH20/FH22 FH50/FH52 FZT5/FZT7 FX20/FX22 BH20/BH50 PE20/PE50 PH20/PH50 PS20/PS50
	批号 Lot No.	16018402A
	商标 Brand	
	制造商 Manufacturer	深圳市凯琦佳科技股份有限公司 Shenzhen KaiQiJia technology co., LTD
	地址 Address	广东省深圳市龙岗区葵涌镇葵新社区知己工业园二期 4#厂房 201 4#201 Room Kuixin Community Zhiji Industrial Park Kuicong Town Longgan District Shenzhen City. Guangdong
检验信息 Test information	收样日期 Sample received	2016.02.29
	检验日期 Testing date	2016.02.29~2016.03.04
	检验类别 Test sort	委托检测 Commission Test
	检验项目 Requested/item	应客户要求, 依据 REACH 法规 No 1907/2006 对 168 种高度关注物质进行检测 As specified by client, to screen the 168 substances of very high concern(SVHC) under Regulation(EC) No 1907/2006 of REACH in the submitted sample(s)
	检验依据 Standard/Foundation	请参见后页 Please Refer to the following page(s)。
	检验结论 Conclusion	根据分析结果, 所提交样品中 168 种物质浓度小于 0.1%。 According to the analytical results, concentrations of 168 SVHC substances are less than 0.1% in the submitted sample.
备注 Note	----	

主检 Tested By: Yang Su Ping 审核 Checked By: Si Fei Fei 批准 Approved By: Billow

日期 Date: Mar. 07, 2016 日期 Date: Mar. 07, 2016 日期 Date: Mar. 07, 2016

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样品描述 Tested components:

编号 SAMPLE No.	描述内容 COMPONENTS	颜色材质 COLOR AND MATERIAL	检验项目 TEST ITEM
1	铝电解电容器 Aluminium electrolytic capacitor	非金属 Nonmetal	SVHC 168
2		金属 Metal	

样品照片 Sample photo:



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检测方法 Test Method:

No.	物质名称 Substance Name(s)	预处理方法、测试仪器 Pretreatment Method / Measuring Instrument	分类 Substance Classification	报告限值 Report Limit
1	蒽 Anthracene	ZEK01.4-08, GC-MS	持久性,生物积累性和毒性物质 PBT	0.05%
2	4,4'-二氨基二苯基甲烷 4,4'- Diaminodiphenylmethane	EPA3540C:1996, GC-MS	第2类致癌性物质 Carcinogen, cat. 2	0.05%
3	邻苯二甲酸二丁酯(DBP) Dibutyl phthalate(DBP)	EPA3540C:1996, GC-MS	第2类生殖系统毒性物质 Toxic for reproduction, cat.2	0.05%
4	*氯化钴 Cobalt dichloride	EPA 3052:1996/EN14582:2007, ICP-OES/IC	第2类致癌性物质 Carcinogen, cat.2 Toxic for reproduction, cat2	0.05%
5	*五氧化二砷 Diarsenic pentaoxide	EPA 3052:1996, ICP-OES	第1类致癌性物质 Carcinogen, cat.1	0.05%
6	*三氧化二砷 Diarsenic trioxide	EPA 3052:1996, ICP-OES	第1类致癌性物质 Carcinogen, cat.1	0.05%
7	*重铬酸钠 Sodium dichromate	EPA 3052:1996/EPA3060A:1996, ICP-OES/UV-Vis	第2类致癌性物质; 第2类致畸性物质; 第2类生殖系统毒性物质 Carcinogen, cat.2; Mutagen, cat.2; Toxic for reproduction, cat.2	0.05%
8	二甲苯麝香 Musk xylene	EPA 3540C:1996, GC-MS	高持久性和高度生物积累性物质 vPvB	0.05%
9	邻苯二甲酸二(2-乙基己基)酯 Bis(2-ethyl(hexyl)phthalate) (DEHP)	EPA 3540C:1996, GC-MS	第2类生殖系统毒性物质 Toxic for reproduction, cat.2	0.05%
10	Hexabromocyclododecane 六溴环十二烷(HBCDD)	EPA 3540C:1996, GC-MS	PBT 持久性,生物积累性和毒性物质	0.05%
11	短链氯化石蜡(SCCPs) Short Chain Chlorinated Paraffins	EPA 3540C:1996, GC-MS	持久性,生物积累性和毒性物质; 高持久性和高度生物积累性物质 PBT; vPvB	0.05%
12	*三丁基氧化锡(TBTO) Bis(tributyltin)oxide (TBTO)	EPA 3052:1996/ISO 17353:2004, ICP-OES/GC-MS	持久性,生物积累性和毒性物质 PBT	0.05%
13	*砷酸氢铅 Lead hydrogen arsenate	EPA 3052:1996, ICP-OES	第1类致癌性物质; 第1类生殖系统毒性物质 Carcinogen, cat.1; Toxic for reproduction, cat.1	0.05%
14	邻苯二甲酸丁基苄酯 Benzyl butyl phthalate(BBP)	EPA 3540C:1996, GC-MS	第2类生殖系统毒性物质 Toxic for reproduction, cat.2	0.05%
15	*三乙基砷酸酯 Triethyl arsenate	EPA 3052:1996, ICP-OES	第1类致癌性物质 Carcinogen, cat.1	0.05%

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16	蒽油 Anthracene oil ^①	ZEK01.4-08, GC-MS	持久性,生物积累性和毒性物质 PBT	0.05%
17	^① 蒽油, 蒽糊, 轻油**** ^① Anthracene oil, anthracene paste, distn. Lights ****	ZEK01.4-08, GC-MS	PBT 持久性,生物积累性和毒性物质	0.05%
18	蒽油, 蒽糊, 蒽馏分 ^① Anthracene oil, anthracene paste, anthracene fraction ^①	ZEK01.4-08, GC-MS	持久性,生物积累性和毒性物质 PBT	0.05%
19	蒽油, 含蒽量少 ^① Anthracene oil, nthracene-low ^①	ZEK01.4-08, GC-MS	持久性,生物积累性和毒性物质 PBT	0.05%
20	蒽油, 蒽糊 ^① Anthracene oil, anthracene paste ^①	ZEK01.4-08, GC-MS	持久性,生物积累性和毒性物质 PBT	0.05%
21	煤焦油沥青, 高温 ^① Coal tar pitch, high temperature ^①	ASTM D1160-06, distillation	持久性,生物积累性和毒性物质; 第2类致癌性物质 PBT; Carcinogen, cat.2	0.05%
22	丙烯酰胺 Acrylamide	EPA 3540C:1996, HPLC	第2类致癌性物质; 第2类致畸性物质 Carcinogen, cat.2; Mutagen, cat.2	0.05%
23	2, 4-二硝基甲苯 2,4-Dinitrotoluene	EPA 3540C:1996, GC-MS	第2类致癌性物质 Carcinogen, cat.2	0.05%
24	邻苯二甲酸二异丁酯 Diisobutyl phthalate (DIBP)	EPA 3540C:1996, GC-MS	第2类生殖系统毒性物质 Toxic for reproduction, cat.2	0.05%
25	铬酸铅 ^② Lead chromate ^②	EPA 3052:1996/ EPA 3060A:1996, ICP-OES/UV-Vis	第2类致癌性物质; 第1类生殖系统毒性物质 Carcinogen, cat.2; Toxic for reproduction, cat.1	0.05%
26	^② 钼铬红(C.I.颜料红104)*** ^② Lead chromate molybdate sulphate red (C.I. Pigment Red 104)***	EPA 3052:1996/ EPA 3060A:1996, ICP-OES/UV-Vis	第2类致癌性物质; 第1类生殖系统毒性物质 Carcinogen, cat.2; Toxic for reproduction, cat.1	0.05%
27	^② 铅铬黄(C.I.颜料黄34)*** ^② Lead sulfochromate yellow(C.I. Pigment Yellow 34)***	EPA 3052:1996/ EPA 3060A:1996, ICP-OES/UV-Vis	第2类致癌性物质; 第1类生殖系统毒性物质 Carcinogen, cat.2; Toxic for reproduction, cat.1	0.05%
28	磷酸(三2-氯乙基)酯 Tris(2-chloroethyl)phosphate (TCEP)	EPA 3540C:1996, GC-MS	第2类生殖系统毒性物质 Toxic for reproduction, cat.2	0.05%
29	三氯乙烯 Trichloroethylene	EPA 5021:1996, HS-GC-MS	第2类致癌性物质 Carcinogen, cat.2	0.05%

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30	硼酸 ^③ Boric acid ^③	EPA 3052:1996,ICP-OES	第2类生殖系统毒性物质 Toxic for reproduction,cat2	0.05%
31	^③ 四硼酸钠, 无水***** ^③ Disodium tetraborate, anhydrous*****	EPA 3052:1996,ICP-OES	第2类生殖系统毒性物质 Toxic for reproduction,cat2	0.05%
32	^③ 四硼酸钠, 水合物***** ^③ Tetraboron disodium heptaoxide, hydrate*****	EPA 3052:1996,ICP-OES	第2类生殖系统毒性物质 Toxic for reproduction,cat2	0.05%
33	*铬酸钠 Sodium chromate ^③	EPA 3052:1996/ EPA 3060A:1996, ICP-OES/UV-Vis	第2类致癌性物质; 第2类致畸性物质; 第2类生殖系统毒性物质 Carcinogen, cat.2;Mutagenic cat2;Toxic for reproduction,cat2	0.05%
34	*铬酸钾 Potassium chromate ^③	EPA 3052:1996/ EPA 3060A:1996, ICP-OES/UV-Vis	第2类致癌性物质; 第2类致畸性物质 Carcinogen, cat.2;Mutagenic cat2	0.05%
35	*重铬酸铵 Ammonium dichromate ^③	EPA 3052:1996/ EPA 3060A:1996, ICP-OES/UV-Vis	第2类致癌性物质;第2类致畸性 物质;第2类生殖系统毒性物质 Carcinogen, cat.2;Mutagenic cat2;Toxic for reproduction,cat2	0.05%
36	*重铬酸钾 Potassium dichromate ^③	EPA 3052:1996/ EPA 3060A:1996, ICP-OES/UV-Vis	第2类致癌性物质;第2类致畸性 物质;第2类生殖系统毒性物质 Carcinogen, cat.2;Mutagenic cat2;Toxic for reproduction,cat2	0.05%
37	*硫酸钴(II) Cobalt(II) sulphate	EPA 3052:1996 ,ICP-OES	第2类致癌性物质第2类生殖系 统毒性物质 Toxic for reproduction,cat.2 Carcinogen, cat 2	0.05%
38	*硝酸钴(II) Cobalt(II) dinitrate	EPA 3052:1996 , ICP-OES	第2类致癌性物质第2类生殖系 统毒性物质Toxic for reproduction,cat.2 Carcinogen, cat 2	0.05%
39	*碳酸钴(II) Cobalt(II) carbonate	EPA 3052:1996 ,ICP-OES	第2类致癌性物质第2类生殖系 统毒性物质Toxic for reproduction,cat.2 Carcinogen, cat 2	0.05%
40	*醋酸钴(乙酸钴)(II) *Cobalt(II) diacetate	EPA 3052:1996 ,ICP-OES	第2类致癌性物质第2类生殖系 统毒性物质 Toxic for reproduction,cat2 Carcinogen, cat 2	0.05%

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41	乙二醇单甲醚 2-Methoxyethanol	EPA 5021:1996, HS-GC-MS	第 2 类生殖系统毒性物质 Toxic for reproduction, cat 2	0.05%
42	乙二醇单乙醚 2-Ethoxyethanol	EPA 5021:1996, HS-GC-MS	第 2 类生殖系统毒性物质 Toxic for reproduction, cat 2	0.05%
43	*三氧化铬 Chromium trioxide [®]	EPA 3052:1996 & EPA 3060A:1996, ICP-OES & UV-Vis	2第1类致癌性物质;第2类致畸 性物质Carcinogen, cat 1;Mutagenic cat	0.05%
44	*三氧化铬衍生成如铬酸, 重铬酸, 低聚 铬酸等Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid [®]	EPA 3052:1996 & EPA 3060A:1996, ICP-OES & UV-Vis	第 2 类致畸性物质 Carcinogen, cat 2	0.05%
45	乙二醇乙醚乙酸酯 2-ethoxyethyl acetate	EPA 5021:1996, HS-GC-MS	第2类生殖系统毒性物质 Toxic for reproduction,cat2	0.05%
46	*铬酸锶 Strontium chromate	EPA 3052:1996/ EPA 3060A:1996, ICP-OES/UV-Vis	第2类致癌性物质 Carcinogen, cat.2	0.05%
47	1,2-苯二酸-二(C7-11 支链与直链)烷基(醇) 酯 ^① 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters ^①	EPA 3540C:1996, GC-MS	第 2 类生殖系统毒性物质 Toxic for reproduction,cat2	0.05%
48	水合肼Hydrazine	EPA 5021:1996, HS-GC-MS	第 2 类致癌性物质 Carcinogen, cat.2	0.05%
49	N-甲基吡咯烷酮1-methyl-2-pyrrolidone	EPA 3540C:1996, GC-MS	第 2 类生殖系统毒性物质 Toxic for reproduction,cat2	0.05%
50	1, 2, 3-三氯丙烷 1,2,3-trichloropropane	EPA 3540C:1996, GC-MS	第2类致癌性物质; 第2类生殖 系统毒性物质Carcinogen, cat.2 Toxic for reproduction, cat2	0.05%
51	^① 邻苯二甲酸二C6-8支链烷基酯(C7富集) ^① 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	EPA 3540C:1996, GC-MS	第 2 类生殖系统毒性物质 Toxic for reproduction, cat2	0.05%
52	*铬酸铬 Dichromium tris(chromate)	EPA 3052:1996/ EPA 3060A:1996, ICP-OES/UV-Vis	第 2 类致癌性物质 Carcinogen, cat 2	0.05%
53	*氢氧化铬酸锌钾 Potassium hydroxyoctaoxodizincate dichromate	EPA 3052:1996/ EPA 3060A:1996, ICP-OES/UV-Vis	第 1 类致癌性物质 Carcinogen, cat 1	0.05%
54	*氢氧化铬酸锌 Pentazinc chromate octahydroxide	EPA 3052:1996/ EPA 3060A:1996, ICP-OES/UV-Vis	第 1 类致癌性物质 Carcinogen, cat 1	0.05%
55	^② 硅酸铝耐火陶瓷纤维** ^② Aluminosilicate Refractory Ceramic Fibres (RCF) **	EPA 3052:1996, ICP-OES	第 2 类致癌性物质 Carcinogen, cat 2	0.05%

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56	^② 氧化锆硅酸铝耐火陶瓷纤维** ^② Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF) **	EPA 3052:1996, ICP-OES	第 2 类致癌性物质 Carcinogen, cat 2	0.05%
57	甲醛苯胺共聚物 ^① Formaldehyde, oligomeric reaction products with aniline(technical MDA) ^①	EPA 3540C:1996, HPLC	第 2 类致癌性物质 Carcinogen, cat 2	0.05%
58	邻苯二甲酸二甲氧基乙酯 Bis(2-methoxyethyl) phthalate	EPA 3540C:1996, GC-MS	第 2 类生殖系统毒性物质 Toxic for reproduction,cat2	0.05%
59	2-甲氧基苯胺(邻甲氧基苯胺) 2-Methoxyaniline(o-Anisidine)	EPA 3540C:1996, GC-MS	第 2 类致癌性物质 Carcinogen, cat 2	0.05%
60	(4-tert-Octylphenol) 4-(1,1,3,3-四甲基丁基)苯酚 (别名: 对特辛基苯酚) 4-(1,1,3,3-tetramethylbutyl)phenol	EPA 3540C:1996, HPLC	具有与CMR, PBT/vPvB同等危害的内分泌干扰物 Equivalent concern	0.05%
61	1,2-二氯乙烷 1,2-Dichloroethane	EPA 5021:1996, HS-GC-MS	第 2 类致癌性物质 Carcinogen, cat 2	0.05%
62	双(2-甲氧基乙基)醚 (别名: 乙二醇二甲醚) Bis(2-methoxyethyl) ether	EPA 5021:1996, HS-GC-MS	第 2 类致癌性物质 Carcinogen, cat 2	0.05%
63	*砷酸 Arsenic acid	EPA 3052:1996, ICP-OES	第 1 类致癌性物质 Carcinogen, cat 1	0.05%
64	*砷酸钙 Calcium arsenate	EPA 3052:1996, ICP-OES	第 1 类致癌性物质 Carcinogen, cat 1	0.05%
65	*砷酸铅 Trilead diarsenate	EPA 3052:1996, ICP-OES	第 1 类致癌性物质;第 1 类生殖系统毒性物质 Carcinogen, cat 1; Toxic for reproduction, cat1	0.05%
66	N,N-二甲基乙酰胺(DMAC) N,N-dimethylacetamide (DMAC)	EPA 3540C:1996, HPLC	第 2 类致癌性物质 Carcinogen, cat 2	0.05%
67	4,4'-亚甲基双(2-氯苯胺) 2,2'-dichloro-4,4'-methylenedianiline (MOCA)	EPA 3540C:1996, GC-MS	第 2 类致癌性物质 Carcinogen, cat 2	0.05%
68	酚酞 Phenolphthalein	EPA 3540C:1996, HPLC	第 2 类致癌性物质 Carcinogen, cat 2	0.05%
69	*叠氮化铅 Lead diazide	EPA 3052:1996, ICP-OES	第 1 类生殖系统毒性物质 Toxic for reproduction,cat1	0.05%
70	* 2,4,6-三硝基间苯二酚铅(别名: 收敛酸铅) *Lead 2,4,6-trinitro-m-phenylene dioxide (Lead styphnate)	EPA 3052:1996, ICP-OES	第 1 类生殖系统毒性物质 Toxic for reproduction,cat1	0.05%
71	*苦味酸铅 Lead dipicrate	EPA 3052:1996, ICP-OES	第 1 类生殖系统毒性物质 Toxic for reproduction,cat1	0.05%

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No.	物质名称 Substance Name(s)	预处理方法、测试仪器 Pretreatment Method / Measuring Instrument	分类 Substance Classification	报告限值 Report Limit
72	*三氧化二硼 Diboron trioxide	EPA 3052:1996, ICP-OES	生殖系统毒性物质 Toxic for reproduction	0.05%
73	甲酰胺 Formamide	EPA 3540C:1996, HPLC	生殖系统毒性物质 Toxic for reproduction	0.05%
74	*甲基磺酸铅 Lead(II) bis methanesulfonate	EPA 3052:1996, ICP-OES	生殖系统毒性物质 Toxic for reproduction	0.05%
75	(1H,3H,5H)-trione) 异氰尿酸三缩水甘油脂 TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6	EPA 3540C:1996, HPLC	致畸性物质 Mutagenic	0.05%
76	异氰脲酸 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)	EPA 3540C:1996, HPLC	致畸性物质 Mutagenic	0.05%
77	4,4'-二(N,N-二甲氨基)二苯甲酮(米氏酮) 4,4'-bis(dimethylamino) benzophenone (Michler's ketone) ④	EPA 3540C:1996, HPLC	致癌性物质 Carcinogenic	0.05%
78	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) ④	EPA 3540C:1996, HPLC	致癌性物质 Carcinogenic	0.05%
79	碱性紫 3[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride(C.I. Basic Violet 3)	EPA 3540C:1996, HPLC	致癌性物质 Carcinogenic④	0.05%
80	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)	EPA 3540C:1996, HPLC	致癌性物质④ Carcinogenic④	0.05%
81	溶剂蓝 4α,α-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	EPA 3540C:1996, HPLC	致癌性物质④ Carcinogenic④	0.05%
82	α,α-二[(二甲氨基)苯基]-4-甲氨基苯甲醇 4,4'-bis(dimethylamino)-4'-(methylamino)triethyl alcohol	EPA 3540C:1996, HPLC	致癌性物质④ Carcinogenic④	0.05%
83	三甘醇二甲醚 1,2-bis(2-methoxyethoxy) ethane	EPA 5021:1996, HS-GC-MS	致癌性物质④ Carcinogenic④	0.05%

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84	1, 2-二甲氧基乙烷 1,2-dimethoxyethane;ethylene glycol dimethyl ether	EPA 5021:1996, HS-GC-MS	致癌性物质 ^④ Carcinogenic ^④	0.05%
85	十溴二苯醚 Bis(pentabromophenyl) ether (DecaBDE)	EPA 3540C:1996, GC-MS	持久性, 生物积累性和毒性物质; 高持久性, 高生物积累性物质 PBT (Article 57 d); vPvB (Article 57 e)	0.05%
86	全氟十三酸 Pentacosafuorotridecanoic acid	EPA 3540C:1996, HPLC-MS	高持久性, 高生物积累性物质 vPvB (Article 57 e)	0.05%
87	全氟十二酸 Tricosafuorododecanoic acid	EPA 3540C:1996, HPLC-MS	高持久性, 高生物积累性物质 vPvB (Article 57 e)	0.05%
88	全氟十一酸 Henicosafuoroundecanoic acid	EPA 3540C:1996, HPLC-MS	高持久性, 高生物积累性物质 vPvB (Article 57 e)	0.05%
89	全氟十四酸 Heptacosafuorotetradecanoic acid	EPA 3540C:1996, HPLC-MS	高持久性, 高生物积累性物质 vPvB (Article 57 e)	0.05%
90	对特辛基苯酚乙氧基醚 4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and Homologues	EPA 3540C:1996, HPLC	同等关注物质 Equivalent level of concern - probable serious effects on human health (Article 57 f)	0.05%
91	4-壬基苯酚, 直链和支链 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	EPA 3540C:1996, HPLC	同等关注物质 Equivalent level of concern - probable serious effects on human health (Article 57 f)	0.05%
92	偶氮二甲酰胺 Diazene- 1,2- dicarboxami (C,C'-azodi(formamide))	EPA 3540C:1996, HPLC	同等关注物质 Equivalent level of concern - probable serious effects on human health (Article 57 f)	0.05%
93	六氢邻苯二甲酸酐 Cyclohexan e-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	EPA 3540C:1996, GC-MS	同等关注物质 Equivalent level of concern - probable serious effects on human health (Article 57 f)	0.05%



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94	甲基六氢苯酐、4- 甲基六氢苯酐、 甲基六氢化邻苯二甲酸酐、3- 甲基 六氢苯二甲酯酐 Hexahydromethylphthalic anhydride, Hexahydro -4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	EPA 3540C:1996, GC-MS	同等关注物质 Equivalent level of concern - probable serious effects on human health (Article 57 f)	0.05%
95	甲氧基乙酸 Methoxyacetic acid	EPA 3540C:1996, HPLC-MS	致生殖毒性物质 1B 类; 同等关注物质 Toxic for reproduction (Article 57 c); equivalent level of concern -probable serious effects on human health and the environment (Article 57 f)	0.05%
96	支链和直链 1, 2- 苯二羧二戊酯 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	EPA 3540C:1996, GC-MS	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
97	邻苯二甲酸二异戊酯(DIPP) Diisopentylphthalate	EPA 3540C:1996, GC-MS	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
98	邻苯二甲酸正戊基异戊基酯 N-pentyl-isopentylphthalate	EPA 3540C:1996, GC-MS	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
99	乙二醇二乙醚 1,2-Diethoxyethane	EPA 5021:1996, HS-GC-MS	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
100	N,N-二甲基甲酰胺 N,N-dimethylformamide; dimethyl formamide	EPA 3540C:1996, HPLC	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
101	二丁基二氯化锡 Dibutyltin dichloride (DBT)	EPA 3052:1996/ISO 17353:2004, ICP-OES/GC-MS	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
102	碱式乙酸铅 Acetic acid, lead salt, basic	EPA 3052:1996, ICP-OES	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
103	碱式碳酸铅 Basic lead carbonate (trilead bis(carbonate) dihydroxide)	EPA 3052:1996, ICP-OES	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%

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104	碱式硫酸铅 Lead oxide sulfate(basic lead sulfate)	EPA 3052:1996, ICP-OES	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
105	[1,2-苯二羧酸根合] 二氧化三铅 [Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	EPA 3052:1996, ICP-OES	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
106	双(十八烷基) 二氧化三铅 Dioxobis (stearato) trilead	EPA 3052:1996, ICP-OES	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
107	C16-18-脂肪酸铅盐 Fatty acids, C16-18, lead salts	EPA 3052:1996, ICP-OES	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
108	四氟硼酸铅 Lead bis (tetrafluoroborate)	EPA 3052:1996, ICP-OES	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
109	氨基氰铅盐 Lead cyanimidate	EPA 3052:1996, ICP-OES	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
110	硝酸铅 Lead dinitrate	EPA 3052:1996, ICP-OES	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
111	氧化铅 Lead oxide (lead monoxide)	EPA 3052:1996, ICP-OES	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
112	四氧化三铅, 铅丹 Lead tetroxide (orange lead)	EPA 3052:1996, ICP-OES	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
113	钛酸铅 Lead titanium trioxide	EPA 3052:1996, ICP-OES	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
114	钛酸铅锆 Lead Titanium Zirconium Oxide	EPA 3052:1996, ICP-OES	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
115	氧化铅与硫酸铅的复合物 Pentalead tetraoxide sulphate	EPA 3052:1996, ICP-OES	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
116	C.I.颜料黄 41 Pyrochlore, antimony lead yellow	EPA 3052:1996, ICP-OES	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%

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117	铅掺杂的硅钡酸盐 Silicic acid, barium salt, lead-doped	EPA 3052:1996, ICP-OES	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
118	硅酸铅 Silicic acid, lead salt	EPA 3052:1996, ICP-OES	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
119	亚硫酸铅 (II) Sulfurous acid, lead salt, dibasic	EPA 3052:1996, ICP-OES	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
120	四乙基铅 Tetraethyllead	EPA 3052:1996, ICP-OES	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
121	三碱式硫酸铅 Tetralead trioxide sulphate	EPA 3052:1996, ICP-OES	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
122	磷酸氧化铅 Trilead dioxide phosphonate	EPA 3052:1996, ICP-OES	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
123	呋喃 Furan	EPA 3540C:1996, GC-MS	致癌物质 1B 类 Carcinogenic (Article 57a)	0.05%
124	环氧丙烷 Propylene oxide; 1,2-epoxypropane; ethyloxirane	EPA 3540C:1996, GC-MS	致癌物质 1B 类; 致突变物质 1B 类 Carcinogenic (Article 5 7 a); Mutagenic (Article 57 b)	0.05%
125	硫酸二乙酯 Diethyl sulphate	EPA 3540C:1996, GC-MS	致癌物质 1B 类; 致突变物质 1B 类 Carcinogenic (Article 5 7 a); Mutagenic (Article 57 b)	0.05%
126	硫酸二甲酯 Dimethyl sulphate	EPA 3540C:1996, GC-MS	致癌物质 1B 类 Carcinogenic (Article 57 a)	0.05%
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	EPA 3540C:1996, GC-MS	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
128	地乐酚 (二硝丁酚) Dinoseb	EPA 3540C:1996, HPLC	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
129	4,4'-二氨基-3,3'-二甲基二苯甲烷 4,4'-methylenedi-o-toluidine	EPA 3540C:1996, GC-MS	致癌物质 1B 类 Carcinogenic (Article 57 a)	0.05%

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130	4,4'- 二氨基二苯醚 4,4'-oxydianiline and its salts	EPA 3540C:1996, GC-MS	致癌物质 1B 类; 致突变物质 1B 类 Carcinogenic (Article 5 7 a);Mutagenic (Article 57 b)	0.05%
131	4- 氨基偶氮苯 4-Aminoazobenzene; 4-Phenylazoaniline	EPA 3540C:1996, GC-MS	致癌物质 1B 类 Carcinogenic (Article 57 a)	0.05%
132	2,4- 二氨基甲苯 4-methyl-m-phenylenediamine(2,4-toluene- diamine)	EPA 3540C:1996, GC-MS	致癌物质 1B 类 Carcinogenic (Article 57 a)	0.05%
133	2- 甲氧基-5-甲基苯胺 6-methoxy-m -toluidine (p-cresidine)	EPA 3540C:1996, GC-MS	致癌物质 1B 类 Carcinogenic (Article 57 a)	0.05%
134	4- 氨基联苯 Biphenyl -4-ylamine	EPA 3540C:1996, GC-MS	致癌物质 1B 类 Carcinogenic (Article 57 a)	0.05%
135	邻氨基偶氮甲苯 o-amino azotoluene	EPA 3540C:1996, GC-MS	致癌物质 1B 类 Carcinogenic (Article 57 a)	0.05%
136	邻甲基苯胺 o-Toluidine; 2-Aminotoluene	EPA 3540C:1996, GC-MS	致癌物质 1B 类 Carcinogenic (Article 57 a)	0.05%
137	N-甲基乙酰胺 N-methylacetamide	EPA 3540C:1996, HPLC	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
138	溴代正丙烷 1-bromopr opane; n-propyl bromide	EPA 3540C:1996, GC-MS	致生殖毒性物质 1B 类 Toxic for reproduction (Article 57 c)	0.05%
139	镉 Cadmium ^①	EPA 3052:1996, ICP-OES	致癌物质 1B 类 Carcinogenic (Article 57a)	0.05%
140	氧化镉 Cadmium oxide ^①	EPA 3052:1996, ICP-OES	致癌物质 1B 类 Carcinogenic (Article 57a)	0.05%
141	邻苯二甲酸二正戊酯 Dipentyl phthalate(DPP)	EPA 3540C:1996, GC-MS	PBT 生殖毒性 PBT	0.05%



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142	4-壬基酚，支化或者线性，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 [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]	EPA 3540C:1996, HPLC	持久性，生物积累性和毒性物质； 高持久性，高生物积累性 物质 PBT (Article 57 d); vPvB (Article 57 e)	0.05%
143	十五氟辛酸铵盐(APFO) Ammonium pentadecafluorooctanoate	EPA 3540C:1996, HPLC-MS	PBT 生殖毒性 PBT	0.05%
144	全氟辛酸(PFOA) Pentadecafluorooctanoic acid	EPA 3540C:1996, HPLC-MS	PBT 生殖毒性 PBT	0.05%
145	硫化镉 Cadmium sulphide ^①	EPA 3052:1996, ICP-OES	致癌性物质；同等关注物质： 可能对人类健康造成严重的影 响 Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)	0.05%
146	邻苯二甲酸二己酯 Dihexyl phthalate	EPA 3540C:1996, GC-MS	生殖毒性物质 Toxic for reproduction (Article 57 c)	0.05%
147	CI 直接红 28 Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis (4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	EPA 3540C:1996, HPLC-MS	致癌性物质 Carcinogenic (Article 57a)	0.05%
148	CI 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)	EPA 3540C:1996, HPLC-MS	致癌性物质 Carcinogenic (Article 57a)	0.05%
149	亚乙基硫脲 Imidazolidine-2-thione; 2-imidazoline-2-thiol	EPA 3540C:1996, HPLC-MS	生殖毒性物质 Toxic for reproduction (Article 57 c)	0.05%
150	铅底（醋酸） Lead di(acetate)	EPA 3052:1996, ICP-OES	生殖毒性物质 Toxic for reproduction (Article 57 c)	0.05%

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No.	物质名称 Substance Name(s)	预处理方法、测试仪器 Pretreatment Method / Measuring Instrument	分类 Substance Classification	报告限值 Report Limit
151	磷酸三二甲苯酚 Trixylyl phosphate	EPA 3540C:1996, GC-MS	生殖毒性物质 Toxic for reproduction (Article 57 c)	0.05%
152	氯化镉 Cadmium chloride ^①	EPA 3052:1996, ICP-OES	致癌性物质; 致畸性物质; 生殖毒性物质; 同等关注物质: 对人类健康可能造成严重的影响 Carcinogenic (Article 57a); Mutagenic (Article 57(b)); Toxic for Reproduction (Article 57(c); Equivalent level of concern having probable serious effects to human health (Article 57 f)	0.05%
153	邻苯二甲酸二己酯(DIHP) 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear(DIHP)	EPA 3540C:1996, GC-MS	生殖毒性物质 Toxic for reproduction (Article 57 c)	0.05%
154	过硼酸钠 Sodium peroxometaborate	EPA 3052:1996, ICP-OES	生殖毒性物质 Toxic for reproduction (Article 57 c)	0.05%
155	过硼酸钠; 过硼酸, 钠盐 Sodium perborate; perboric acid, sodium salt	EPA 3052:1996, ICP-OES	生殖毒性物质 Toxic for reproduction (Article 57 c)	0.05%
156	2-(2H-苯并三唑-2-基)-4,6-二叔戊基苯酚 (UV-328) 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	EPA 3540C:1996, HPLC	持久性, 生物积累性和毒性物质; 高持久性, 高生物积累性物质 PBT (Article 57 d); vPvB (Article 57 e)	0.05%
157	2-(2'-羟基-3',5'-二叔丁基苯基)-苯并三唑 (UV-320) 2-(2'-Hydroxy-3',5'-di-tert-butylphenyl)benzotriazole (UV-320)	EPA 3540C:1996, HPLC	持久性, 生物积累性和毒性物质; 高持久性, 高生物积累性物质 PBT (Article 57 d); vPvB (Article 57 e)	0.05%
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	EPA 3540C:1996, GC-MS	生殖毒性物质 Toxic for reproduction (Article 57 c)	0.05%



No.	物质名称 Substance Name(s)	预处理方法、测试仪器 Pretreatment Method / Measuring Instrument	分类 Substance Classification	报告限值 Report Limit
159	氟化镉 Cadmium fluoride ^①	EPA 3052:1996, ICP-OES	致癌性物质; 致畸性物质; 生殖毒性物质; 同等关注物质: 对人类健康可能造成严重的影响 Carcinogenic (Article 57a); Mutagenic (Article 57(b)); Toxic for Reproduction (Article 57(c)); Equivalent level of concern having probable serious effects to human health (Article 57 f)	0.05%
160	硫酸镉 Cadmium sulphate ^①	EPA 3052:1996, ICP-OES	致癌性物质; 致畸性物质; 生殖毒性物质; 同等关注物质: 对人类健康可能造成严重的影响 Carcinogenic (Article 57a); Mutagenic (Article 57(b)); Toxic for Reproduction (Article 57(c)); Equivalent level of concern having probable serious effects to human health (Article 57 f)	0.05%
161	二正辛基-双(巯乙酸2-乙基己酯)锡(DOTE)和三(2-乙基己基巯基乙酸)辛锡(MOTE)的反应物料 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)	EPA 3540C:1996, GC-MS	生殖毒性物质 Toxic for reproduction (Article 57 c)	0.05%
162	1,2-苯二羧酸二-碳 6-10-烷基酯; (癸基、己基、辛基)酯与 1,2-苯二甲酸的复合物 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)	EPA 3540C:1996, GC-MS	生殖毒性物质 Toxic for Reproduction (Article 57 c)	0.05%



No.	物质名称 Substance Name(s)	预处理方法、测试仪器 Pretreatment Method / Measuring Instrument	分类 Substance Classification	报告限值 Report Limit
163	5-仲丁基-丁基-2-(2,4-二甲基环己胺-3-乙二胺-1-基)-5-甲基-1,3-二氧化乙烷[1], 5-仲丁基-丁基-2-(4,6-二甲基环己胺-3-乙二胺-1-基)-5-甲基-1,3-二氧化乙烷[2] (这两种物质的异构体以及他们的混合物) -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 isomers of [1] and [2] or any combination thereof]	EPA 3540C:1996, GC-MS	高持久性, 高生物积累性物质 vPvB (Article 57 e)	0.05%
164	硝基苯 Nitrobenzene	EPA 3540C:1996, GC-MS	Toxic for reproduction (Article 57 c)	0.05%
165	2,4-二-叔丁基-6-(5-氯代苯并三唑-2-基)苯酚 (UV-327) 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	EPA 3540C:1996, HPLC	vPvB(Article 57 e)	0.05%
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)	EPA 3540C:1996, HPLC	vPvB (Article 57 e)	0.05%
167	1,3-丙烷磺内酯 1,3-propanesultone	EPA 3540C:1996, GC-MS	Carcinogenic (Article 57 a)	0.05%
168	全氟壬酸及盐 Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid and its sodium and ammonium salts	EPA 3540C:1996, GC-MS	Toxic for reproduction (Article 57 c); PBT (Article 57 d)	0.05%



结果 Result(s):

编号 No.	物质名称 Substance Name(s)	CAS No.	EC No.	浓度 Concentration (%)	
				1	2
1	蒽 Anthracene	120-12-7	204-371-1	N.D.	N.D.
2	4,4'-二氨基二苯基甲烷 4,4'- Diaminodiphenylmethane	101-77-9	202-974-4	N.D.	N.D.
3	邻苯二甲酸二丁酯(DBP) Dibutyl phthalate(DBP)	84-74-2	201-557-4	N.D.	N.D.
4	*氯化钴 Cobalt dichloride	7646-79-9	231-589-4	N.D.	N.D.
5	*五氧化二砷 Diarsenic pentaoxide	1303-28-2	215-116-9	N.D.	N.D.
6	*三氧化二砷 Diarsenic trioxide	1327-53-3	215-481-4	N.D.	N.D.
7	*重铬酸钠 Sodium dichromate	7789-12-0	234-190-3	N.D.	N.D.
8	二甲苯麝香 Musk xylene	81-15-2	201-329-4	N.D.	N.D.
9	邻苯二甲酸二(2-乙基己基)酯(DEHP) Bis(2-ethyl(hexyl)phthalate)	117-81-7	204-211-0	N.D.	N.D.
10	六溴环十二烷(HBCDD) Hexabromocyclododecane	25637-99-4	247-148-4	N.D.	N.D.
11	短链氯化石蜡(SCCPs) Short Chain Chlorinated Paraffins	85535-84-8	287-476-5	N.D.	N.D.
12	*三丁基氧化锡(TBTO) Bis(tributyltin)oxide (TBTO)	56-35-9	200-268-0	N.D.	N.D.
13	*砷酸氢铅 Lead hydrogen arsenate	7784-40-9	232-064-2	N.D.	N.D.
14	邻苯二甲酸丁基苄酯 Benzyl butyl phthalate(BBP)	85-68-7	201-622-7	N.D.	N.D.
15	*三乙基砷酸酯 Triethyl arsenate	15606-95-8	427-700-2	N.D.	N.D.
16	蒽油 Anthracene oil ^①	90640-80-5	292-602-7	N.D.	N.D.
17	^① 蒽油, 蒽糊, 轻油**** ^① Anthracene oil, anthracene paste, distn. Lights ****	91995-17-4	295-278-5	N.D.	N.D.
18	蒽油, 蒽糊, 蒽馏分 ^① Anthracene oil, anthracene paste, anthracene fraction ^①	91995-15-2	295-275-9	N.D.	N.D.
19	蒽油, 含蒽量少 ^① Anthracene oil, nthracene-low ^①	90640-82-7	292-604-8	N.D.	N.D.
20	蒽油, 蒽糊 ^① Anthracene oil, anthracene paste ^①	90640-81-6	292-603-2	N.D.	N.D.
21	煤焦油沥青, 高温 ^① Coal tar pitch, high temperature ^①	65996-93-2	266-028-2	N.D.	N.D.
22	丙烯酰胺 Acrylamide	79-06-1	201-173-7	N.D.	N.D.
23	2, 4-二硝基甲苯 2,4-Dinitrotoluene	121-14-2	204-450-0	N.D.	N.D.
24	邻苯二甲酸二异丁酯(DIBP) Diisobutyl phthalate	84-69-5	201-553-2	N.D.	N.D.
25	铬酸铅 Lead chromate ^②	7758-97-6	231-846-0	N.D.	N.D.
26	^② 铅铬红(C.I.颜料红104)*** ^② Lead chromate molybdate sulphate red (C.I. Pigment Red 104)***	12656-85-8	235-759-9	N.D.	N.D.
27	^② 铅铬黄(C.I.颜料黄34)*** ^② Lead sulfochromate yellow(C.I. Pigment Yellow 34)***	1344-37-2	215-693-7	N.D.	N.D.
28	(TCEP) 磷酸(三2-氯乙基)酯 Tris(2-chloroethyl)phosphate	115-96-8	204-118-5	N.D.	N.D.
29	三氯乙烯 Trichloroethylene	79-01-6	201-167-4	N.D.	N.D.
30	硼酸 Boric acid ^③	10043-35-3 11113-50-1	233-139-2 234-343-4	N.D.	N.D.

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编号 No.	物质名称 Substance Name(s)	CAS No.	EC No.	浓度 Concentration (%)	
				1	2
31	^③ 四硼酸钠, 无水***** ^③ Disodium tetraborate, anhydrous*****	1303-96-4 1330-43-4 12179-04-3	215-540-4	N.D.	N.D.
32	^③ 四硼酸钠, 水合物***** ^③ Tetraboron disodium heptaoxide, hydrate*****	12267-73-1	235-541-3	N.D.	N.D.
33	*铬酸钠 Sodium chromate ^③	7775-11-3	231-889-5	N.D.	N.D.
34	*铬酸钾 Potassium chromate ^③	7789-00-6	232-140-5	N.D.	N.D.
35	*重铬酸铵 Ammonium dichromate ^③	7789-09-5	232-143-1	N.D.	N.D.
36	*重铬酸钾 Potassium dichromate ^③	7778-50-9	231-906-6	N.D.	N.D.
37	*硫酸钴(II) Cobalt(II) sulphate	10124-43-3	233-334-2	N.D.	N.D.
38	*硝酸钴(II) Cobalt(II) dinitrate	10141-05-6	233-402-1	N.D.	N.D.
39	*碳酸钴(II) Cobalt(II) carbonate	513-79-1	208-169-4	N.D.	N.D.
40	*醋酸钴(乙酸钴) (Cobalt(II) diacetate II)	71-48-7	200-755-8	N.D.	N.D.
41	乙二醇单甲醚 2-Methoxyethanol	109-86-4	203-713-7	N.D.	N.D.
42	乙二醇单乙醚 2-Ethoxyethanol	110-80-5	203-804-1	N.D.	N.D.
43	*三氧化铬 Chromium trioxide ^③	1333-82-0	215-607-8	N.D.	N.D.
44	*三氧化铬衍生酸如铬酸, 重铬酸, 低聚铬酸等 Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid ^③	7738-94-5, 13530-68-2	231-801-5, 236-881-5	N.D.	N.D.
45	乙二醇乙醚乙酸酯 2-ethoxyethyl acetate	111-15-9	203-839-2	N.D.	N.D.
46	*铬酸锶 Strontium chromate	7789-06-2	232-142-6	N.D.	N.D.
47	^① 1,2-苯二酸-二(C7-11 支链与直链)烷基(醇)酯 ^① 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	N.D.	N.D.
48	水合肼 Hydrazine	7803-57-8 302-01-2	206-114-9	N.D.	N.D.
49	N-甲基吡咯烷酮 1-methyl-2-pyrrolidone	872-50-4	212-828-1	N.D.	N.D.
50	1, 2, 3-三氯丙烷 1,2,3-trichloropropane	96-18-4	202-486-1	N.D.	N.D.
51	邻苯二甲酸二C6-8支链烷基酯 (C7富集) ^① 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich ^①	71888-89-6	276-158-1	N.D.	N.D.
52	*铬酸铬 Dichromium tris(chromate)	24613-89-6	246-356-2	N.D.	N.D.
53	*氢氧化铬酸锌钾 Potassium hydroxyoctaoxodizincate dichromate	11103-86-9	234-329-8	N.D.	N.D.
54	*氢氧化铬酸锌 Pentazinc chromate octahydroxide	49663-84-5	256-418-0	N.D.	N.D.
55	^② 硅酸铝耐火陶瓷纤维** ^② Aluminosilicate Refractory Ceramic Fibres (RCF) **	-	-	N.D.	N.D.



编号 No.	物质名称 Substance Name(s)	CAS No.	EC No.	浓度 Concentration (%)	
				1	2
56	^② 氧化锆硅酸铝耐火陶瓷纤维** ^② Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF) **	-	-	N.D.	N.D.
57	甲醛苯胺共聚物 ^① Formaldehyde, oligomeric reaction products with aniline(technical MDA) ^①	25214-70-4	500-036-1	N.D.	N.D.
58	邻苯二甲酸二甲氧基乙酯 Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	N.D.	N.D.
59	2-甲氧基苯胺(邻甲氧基苯胺) 2-Methoxyaniline(o-Anisidine)	90-04-0	201-963-1	N.D.	N.D.
60	4-(1,1,3,3-四甲基丁基)苯酚 (别名: 对特辛基苯酚) 4-(1,1,3,3-tetramethylbutyl)phenol (4-tert-Octylphenol)	140-66-9	205-426-2	N.D.	N.D.
61	1,2-二氯乙烷 1,2-Dichloroethane	107-06-2	203-458-1	N.D.	N.D.
62	双(2-甲氧基乙基)醚 (别名: 二乙二醇二甲醚) Bis(2-methoxyethyl) ether	111-96-6	203-924-4	N.D.	N.D.
63	*砷酸 Arsenic acid	7778-39-4	231-901-9	N.D.	N.D.
64	*砷酸钙 Calcium arsenate	7778-44-1	231-904-5	N.D.	N.D.
65	*砷酸铅 Trilead diarsenate	3687-31-8	222-979-5	N.D.	N.D.
66	N,N-二甲基乙酰胺(DMAC) N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	N.D.	N.D.
67	4,4'-亚甲基双(2-氯苯胺) 2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	N.D.	N.D.
68	酚酞 Phenolphthalein	77-09-8	201-004-7	N.D.	N.D.
69	*叠氮化铅 Lead diazide	13424-46-9	236-542-1	N.D.	N.D.
70	*2,4,6-三硝基间苯二酚铅(别名: 收敛酸铅) Lead 2,4,6-trinitro-m-phenylene dioxide (Lead styphnate)	15245-44-0	239-290-0	N.D.	N.D.
71	*苦味酸铅 Lead dipicrate	6477-64-1	229-335-2	N.D.	N.D.
72	*三氧化二硼 Diboron trioxide	1303-86-2	215-125-8	N.D.	N.D.
73	甲酰胺 Formamide	75-12-7	200-842-0	N.D.	N.D.
74	*甲基磺酸铅 Lead(II) bis methanesulfonate	17570-76-2	401-750-5	N.D.	N.D.
75	(1H,3H,5H)-trione 异氰尿酸三缩水甘油酯 TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6	2451-62-9	219-514-3	N.D.	N.D.
76	异氰脲酸 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	423-400-0	N.D.	N.D.
77	4,4'-二(二甲基氨基)二苯甲酮(米氏酮) 4,4'-bis(dimethylamino) benzophenone (Michler's ketone) ^④	90-94-8	202-027-5	N.D.	N.D.
78	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) ^④	101-61-1	202-959-2	N.D.	N.D.



编号 No.	物质名称 Substance Name(s)	CAS No.	EC No.	浓度 Concentration (%)	
				1	2
79	碱性紫 3[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride(C.I. Basic Violet 3)	548-62-9	208-953-6	N.D.	N.D.
80	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	219-943-6	N.D.	N.D.
81	溶剂蓝 4 α,α -Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	N.D.	N.D.
82	α,α -二[(二甲氨基)苯基]-4-甲基苯甲醇 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2	N.D.	N.D.
83	ethane 三甘醇二甲醚 1,2-bis(2-methoxyethoxy)	112-49-2	203-977-3	N.D.	N.D.
84	1, 2-二甲氧基乙烷 1,2-dimethoxyethane;ethylene glycol dimethyl ether	110-71-4	203-794-9	N.D.	N.D.
85	十溴二苯醚 Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9	N.D.	N.D.
86	全氟十三酸 Pentacosafu orotridecanoic acid	72629-94-8	276-745-2	N.D.	N.D.
87	全氟十二酸 Tricosafuorododecanoic acid	307-55-1	206-203-2	N.D.	N.D.
88	全氟十一酸 Henicosafuoroundecanoic acid	2058-94-8	218-165-4	N.D.	N.D.
89	全氟十四酸 Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	N.D.	N.D.
90	对特辛基苯酚乙氧基醚 4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and Homologues	-	-	N.D.	N.D.
91	4-壬基苯酚, 直链和支链 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	-	-	N.D.	N.D.
92	偶氮二甲酰胺 Diazene- 1,2- dicarboxami (C,C'-azodi(formamide))	123-77-3	204-650-8	N.D.	N.D.
93	六氢邻苯二甲酸酐 Cyclohexan e-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	N.D.	N.D.
94	甲基六氢苯酐、4- 甲基六氢苯酐、 甲基六氢化邻苯二甲酸酐、 3- 甲基 六氢苯二甲酯酐 Hexahydromethylphthalic anhydride, Hexahydro -4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	N.D.	N.D.
95	甲氧基乙酸 Methoxyacetic acid	625-45-6	210-894-6	N.D.	N.D.

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编号 No.	物质名称 Substance Name(s)	CAS No.	EC No.	浓度 Concentration (%)	
				1	2
96	支链和直链 1, 2- 苯二羧二戊酯 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	N.D.	N.D.
97	邻苯二甲酸二异戊酯(DIPP) Diisopentylphthalate	605-50-5	210-088-4	N.D.	N.D.
98	邻苯二甲酸正戊基异戊基酯 N-pentyl-isopentylphthalate	776297-69-9	-	N.D.	N.D.
99	乙二醇二乙醚 1,2-Diethoxyethane	629-14-1	211-076-1	N.D.	N.D.
100	N,N-二甲基甲酰胺 N,N-dimethylformamide; dimethyl formamide	68-12-2	200-679-5	N.D.	N.D.
101	二丁基氯化锡 Dibutyltin dichloride (DBT)	683-18-1	211-670-0	N.D.	N.D.
102	碱式乙酸铅 Acetic acid, lead salt, basic	51404-69-4	257-175-3	N.D.	N.D.
103	碱式碳酸铅 Basic lead carbonate (trilead bis(carbonate) dihydroxide)	1319-46-6	215-290-6	N.D.	N.D.
104	碱式硫酸铅 Lead oxide sulfate(basic lead sulfate)	12036-76-9	234-853-7	N.D.	N.D.
105	[1,2-苯二羧酸根合] 二氧化三铅 [Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	69011-06-9	273-688-5	N.D.	N.D.
106	双(十八烷基) 二氧化三铅 Dioxobis (stearato) trilead	12578-12-0	235-702-8	N.D.	N.D.
107	C16-18-脂肪酸铅盐 Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	N.D.	N.D.
108	四氟硼酸铅 Lead bis (tetrafluoroborate)	13814-96-5	237-486-0	N.D.	N.D.
109	氨基氰铅盐 Lead cyanamate	20837-86-9	244-073-9	N.D.	N.D.
110	硝酸铅 Lead dinitrate	10099-74-8	233-245-9	N.D.	N.D.
111	氧化铅 Lead oxide (lead monoxide)	1317-36-8	215-267-0	N.D.	N.D.
112	四氧化三铅, 铅丹 Lead tetroxide (orange lead)	1314-41-6	215-235-6	N.D.	N.D.
113	钛酸铅 Lead titanium trioxide	12060-00-3	235-038-9	N.D.	N.D.
114	钛酸铅锆 Lead Titanium Zirconium Oxide	12626-81-2	235-727-4	N.D.	N.D.
115	氧化铅与硫酸铅的复合物 Pentalead tetraoxide sulphate	12065-90-6	235-067-7	N.D.	N.D.
116	C.I.颜料黄 41 Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	N.D.	N.D.
117	铅掺杂的硅钡酸盐 Silicic acid, barium salt, lead-doped	68784-75-8	272-271-5	N.D.	N.D.
118	硅酸铅 Silicic acid, lead salt	11120-22-2	234-363-3	N.D.	N.D.
119	亚硫酸铅 (II) Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	N.D.	N.D.
120	四乙基铅 Tetraethyllead	78-00-2	201-075-4	N.D.	N.D.
121	三碱式硫酸铅 Tetralead trioxide sulphate	12202-17-4	235-380-9	N.D.	N.D.
122	磷酸氧化铅 Trilead dioxide phosphonate	12141-20-7	235-252-2	N.D.	N.D.
123	呋喃 Furan	110-00-9	203-727-3	N.D.	N.D.
124	环氧丙烷 Propylene oxide; 1,2-epoxypropane; ethyloxirane	75-56-9	200-879-2	N.D.	N.D.
125	硫酸二乙酯 Diethyl sulphate	64-67-5	200-589-6	N.D.	N.D.
126	硫酸二甲酯 Dimethyl sulphate	77-78-1	201-058-1	N.D.	N.D.
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	421-150-7	N.D.	N.D.
128	地乐酚 (二硝丁酚) Dinoseb	88-85-7	201-861-7	N.D.	N.D.

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编号 No.	物质名称 Substance Name(s)	CAS No.	EC No.	浓度 Concentration (%)	
				1	2
129	4,4'- 二氨基-3,3'-二甲基二苯甲烷 4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	N.D.	N.D.
130	4,4'- 二氨基二苯醚 4,4'-oxydianiline and its salts	101-80-4	202-977-0	N.D.	N.D.
131	4- 氨基偶氮苯 4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3	200-453-6	N.D.	N.D.
132	2,4- 二氨基甲苯 4-methyl-m-phenylenediamine(2,4-toluene-diamine)	95-80-7	202-453-1	N.D.	N.D.
133	2- 甲氧基-5-甲基苯胺 6-methoxy-m -toluidine (p-cresidine)	120-71-8	204-419-1	N.D.	N.D.
134	4- 氨基联苯 Biphenyl -4-ylamine	92-67-1	202-177-1	N.D.	N.D.
135	邻氨基偶氮甲苯 o-amino azotoluene	97-56-3	202-591-2	N.D.	N.D.
136	邻甲基苯胺 o-Toluidine; 2-Aminotoluene	95-53-4	202-429-0	N.D.	N.D.
137	N-甲基乙酰胺 N-methylacetamide	79-16-3	201-182-6	N.D.	N.D.
138	溴代正丙烷 1-bromopr opane; n-propyl bromide	106-94-5	203-445-0	N.D.	N.D.
139	镉 Cadmium ^①	7440-43-9	231-152-8	N.D.	N.D.
140	氧化镉 Cadmium oxide ^①	3825-26-1	223-320-4	N.D.	N.D.
141	邻苯二甲酸二正戊酯 Dipentyl phthalate(DPP)	335-67-1	206-397-9	N.D.	N.D.
142	4-壬基酚, 支化或者线性, 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 [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]	131-18-0	205-017-9	N.D.	N.D.
143	十五代氟辛酸铵盐(APFO) Ammonium pentadecafluorooctanoate	1306-19-0	215-146-2	N.D.	N.D.
144	全氟辛酸(PFOA) Pentadecafluorooctanoic acid	-	-	N.D.	N.D.
145	硫化镉 Cadmium sulphide ^①	1306-23-6	215-147-8	N.D.	N.D.
146	邻苯二甲酸二己酯 Dihexyl phthalate	84-75-3	201-559-5	N.D.	N.D.
147	(C.I. Direct Red 28) CI 直接红 28 Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis (4-aminonaphthalene-1-sulphonate)	573-58-0	209-358-4	N.D.	N.D.
148	CI 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	217-710-3	N.D.	N.D.
149	亚乙基硫脲 Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7	202-506-9	N.D.	N.D.
150	铅底 (醋酸) Lead di(acetate)	301-04-2	206-104-4	N.D.	N.D.
151	磷酸三二甲苯酚 Trixylyl phosphate	25155-23-1	246-677-8	N.D.	N.D.
152	氯化镉 Cadmium chloride ^①	10108-64-2	233-296-7	N.D.	N.D.

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编号 No.	物质名称 Substance Name(s)	CAS No.	EC No.	浓度 Concentration (%)	
				1	2
153	邻苯二甲酸二己酯(DIHP) 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear(DIHP)	68515-50-4	271-093-5	N.D.	N.D.
154	过硼酸钠 Sodium peroxometaborate	7632-04-4	231-556-4	N.D.	N.D.
155	过硼酸钠; 过硼酸, 钠盐 Sodium perborate; perboric acid, sodium salt	-	239-172-9; 234-390-0	N.D.	N.D.
156	2-(2H-苯并三唑-2-基)-4,6-二叔戊基苯酚(UV-328) 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	N.D.	N.D.
157	2-(2'-羟基-3',5'-二叔丁基苯基)-苯并三唑(UV-320) 2-(2'-Hydroxy-3',5'-di-tert-butylphenyl)benzotriazole (UV-320)	3846-71-7	223-346-6	N.D.	N.D.
158	二正辛基-双(巯乙酸2-乙基己酯)锡(DOTE) 2-ethylhexyl 10-ethyl-4,4-diethyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate; DOTE	15571-58-1	239-622-4	N.D.	N.D.
159	氟化镉Cadmium fluoride	7790-79-6	232-222-0	N.D.	N.D.
160	硫酸镉Cadmium sulphate	10124-36-4; 31119-53-6	233-331-6	N.D.	N.D.
161	二正辛基-双(巯乙酸2-乙基己酯)锡(DOTE)和三(2-乙基己基巯基乙酸)辛锡(MOTE)的反应物料 Reaction mass of 2-ethylhexyl 10-ethyl-4,4-diethyl-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.
162	1,2-苯二羧酸二-碳 6-10-烷基酯; (癸基、己基、辛基)酯与 1,2-苯二甲酸的复合物 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 (EC No. 201-559-5)	68515-51-5 68648-93-1	271-094-0 272-013-1	N.D.	N.D.



编号 No.	物质名称 Substance Name(s)	CAS No.	EC No.	浓度 Concentration (%)	
				1	2
163	5-仲丁基-丁基-2-(2,4-二甲基环己胺-3-乙二胺-1-基)-5-甲基-1,3-二氧乙烷[1], 5-仲丁基-丁基-2-(4,6-二甲基环己胺-3-乙二胺-1-基)-5-甲基-1,3-二氧乙烷[2] (这两种物质的异构体以及他们的混合物) -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 isomers of [1] and [2] or any combination thereof]	-----	-----	N.D.	N.D.
164	硝基苯 Nitrobenzene	98-95-3	202-716-0	N.D.	N.D.
165	2,4-二-叔丁基-6-(5-氯代苯并三唑-2-基)苯酚 (UV-327) 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	N.D.	N.D.
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	253-037-1	N.D.	N.D.
167	1,3-丙烷磺内酯 1,3-propanesultone	1120-71-4	214-317-9	N.D.	N.D.
168	全氟壬酸及盐 Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluorooctadecanoic acid and its sodium and ammonium salts)	375-95-1 21049-39-8 4149-60-4	206-801-3	N.D.	N.D.

备注 Note:

1. -方法检出限 MDL = Method Detection Limit, N.D. = 未检出 (小于检出限) N.D. = Not Detected (<report limit);
2. - w/w = 重量比 weight by weight; 0.1% = 1000 mg/kg = 1000 ppm
3. -*: 二氯化钴浓度值是由钴(Co)和氯(Cl)测试结果换算而来。五氧化二砷、三氧化二砷、重铬酸钠、三丁基氧化锡、砷酸氢铅、三乙基砷酸酯的浓度值是由物质中的重金属测试结果换算而来。

Concentration value of Cobalt dichloride; Diarsenic pentaoxide; Diarsenic trioxide;
Sodium dichromate; Lead hydrogen arsenate; Triethyl arsenate; Strontium chromate; Sodium chromate;
Potassium chromate; Ammonium dichromate; Potassium dichromate; Cobalt(II) sulphate;
Cobalt(II) dinitrate; Cobalt(II) carbonate; Cobalt(II) diacetate; Chromium trioxide; Chromic acid,
Dichromic acid, and Oligomers of chromic acid and dichromic acid; Dichromium tris(chromate);
Potassium hydroxyoctaoxodizincatedichromate; Pentazinc chromate octahydroxide; Calcium arsenate;
Trilead diarsenate; Arsenic acid; Lead diazide; Lead 2,4,6-trinitro-m-phenylene dioxide (Lead styphnate);
Lead dipicrate; Diboron trioxide; Lead(II) bismethanesulfonate by the conversion from the test results of certain elements.

Concentration value of Bis(tributyltin)oxide by the conversion from the test results of Tributyl Tins.

4. -** 在化学物质及其混合物的分类, 标记与包装法规, 即 CLP 法规(法规(EC)No 1272/2008)的附录 VI 中, 索引号 650-017-00-8 适用于所有的耐火陶瓷纤维材料。

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All refractory ceramic fibres are covered by index number 650-017-00-8 in Annex VI of the Regulation on Classification, Labeling and Packaging of chemical substances and mixtures, the so called CLP Regulation (Regulation (EC) No 1272/2008).

5.-***: 颜料索引号 C.I.: Colour Index

6.-****: 蒸馏所分离出来的轻油部分 Light fractions from distillation

7.-*****: 四硼酸钠, 无水 and 四硼酸钠, 水合物的浓度均由四硼酸钠浓度表示, 没有考虑结晶水。

Concentration value of Disodium tetraborate, anhydrous and Tetraboron disodium heptaoxide, hydrate is evaluated by Disodium tetraborate, with no consider of the hydrate.

8-^①: 由于这些物质是UVCB物质(未知成分或可变成成分的, 复杂反应物或生物材料的物质), 由各种不同的成分组成, 所以这些物质的测试结果是由选定的具有代表性的物质的主要组成成分的测试结果换算而来的。

In view of the substances are established as UVCB substances (substances of unknown or variable composition, complex reaction products or biological materials) consisting of different and variable constituents, the test results are calculated based on the main constituents of the representative compounds for substances.

9-^②: 由于此物质含有多种物质, 测试结果是基于此物质中最具有代表性的主要组成化合物的含量, 其主要造成化合物的测试结果是基于特定的重金属元素的浓度换算而来。

In view of the substance contain variable substances, the test results are calculated based on main constituents of the representative compounds for the substances, and the test results of the representative compounds are calculated based on the result of specified heavy metal elements.

10-^③: 硼酸; 四硼酸钠, 无水; 四硼酸钠, 水合物; 铬酸钠; 铬酸钾; 重铬酸铵和重铬酸钾的浓度值是由物质中的重金属测试结果换算而来。

Concentration value of Boric acid; Disodium tetraborate, anhydrous; Tetraboron disodium heptaoxide, hydrate are calculated by the conversion from the test results of certain elements and confirmed by appropriate solvent extraction, meanwhile the book of materials is suggested to be checked for further confirmation.

11-^④: 只有所含米氏酮 (EC 号 202-027-5) 或米氏碱 (EC 号 202-959-2) 的浓度 $\geq 0.1\%$ (w/w), 这些物质才满足 REACH 法规 57 (a) 条要求-致癌类 1A 或 1B。

The substance does only fulfil the criteria of REACH Art. 57 (a) if it contains Michler's ketone (EC Number: 202-027-5) or Michler's base (EC Number: 202-959-2) in a concentration $\geq 0.1\%$ (weight / weight).

12-[#]: 换算出物质浓度高于报告检出限, 对于物质是否存在于样品中需进一步确认。

Converted concentration of substance equal to or higher than report limit, the presence of the substance in the sample need further to be confirmed by checking MSDS or requesting from suppliers.

**附加信息 Appendix:**

1. 根据欧盟 REACH 法规（编号 1907/2006）第 33 条款之规定，物品类产品如果含有候选列表上的高度关注物质且在物品中的质量百分比超过 0.1% 时，物品供应方需履行相关信息传递义务

Any supplier of an article containing a substance that is included in the Candidate List in a concentration above 0,1 % weight by weight (w/w) has the duty to communicate information in accordance with Article 33 of European Union regulation concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). :

- 1) 物品供应方应提供给接收方关于产品的足够信息以确保物品的安全使用，至少需提供所含高度关注物质的名称。

Any supplier shall provide the recipient of the article with sufficient information to allow safe use of the article including, as a minimum, the name of that substance.

- 2) 应消费者请求，物品供应方应在 45 天内免费提供关于产品的足够信息以确保物品的安全使用，至少需提供所含高度关注物质的名称。

On request by a consumer any supplier shall provide the consumer with sufficient information to allow safe use of the article including, as a minimum, the name of that substance within 45 days of receipt of the request, free of charge.

2. 根据欧盟 REACH 法规（编号 1907/2006）第 31 条款及附件 2 之规定，提供高度关注物质的物质类产品供应方，应免费提供接收方该物质的安全数据表。

The supplier of a substance that is included in the Candidate List on their own shall provide the recipient of the substance with a safety data sheet for free compiled in accordance with Article 3 and Annex II of REACH.

3. 根据欧盟 REACH 法规（编号 1907/2006）第 31、32 条款及附件 2 之规定，提供含有高度关注物质的混合物产品供应方需传递相关信息：

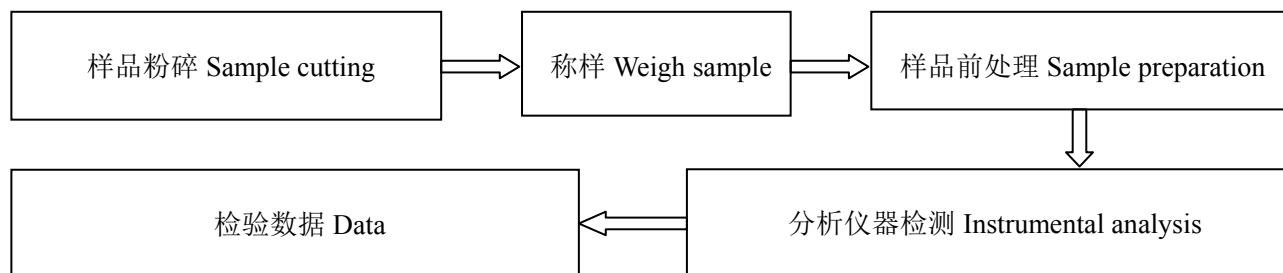
The supplier of a mixture that containing a substance that is included in the Candidate List shall exchange information in accordance with Article 31, Article 32, and Annex II of REACH:

- 1) 如果混合物产品按照 1999/45/EC 被判定为危险品时，供应方应免费提供产品的安全数据表。

Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation meets the criteria for classification as dangerous in accordance with Directives 1999/45/EC.

- 2) 如果混合物产品按照 1999/45/EC 判定并非危险品，但是任一高度关注物质在非气体混合物中质量分数超过 0.1% 或在气体混合物中体积分数超过 0.2%，供应方也应免费提供产品的安全数据表。

Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation does not meet the criteria for classification as dangerous in accordance with Directive 1999/45/EC, but contains any substance that is included in the Candidate List in an individual concentration of ≥ 0.1 % by weight for non-gaseous mixtures or ≥ 0.2 % by volume for gaseous mixtures.

检验流程 Test Process:

中检集团南方电子产品测试（深圳）股份有限公司

CCIC Southern Electronic Product Testing (Shenzhen) CO., Ltd.

地 址： 深圳市南山区西丽街道沙河路 43 号电子检测大厦 邮编： 518055

Add: Electronic Testing Building, No. 43 Shahe Road, Xili Jiedao, Nanshan District, Shenzhen, Guangdong, China (pc: 518055)

网址： <http://www.ccic-set.com> 联系电话 Tel: 0755-86913585, 26701907 传真 Fax: 0755-26701436



主要仪器清单 List of apparatus:

序号 No.	仪器设备名称 Name	型号 Model	计量有效期至 Calibration Valid Date	本次使用 (√) USE(√)
1	电感耦合等离子发射光谱仪 (ICP-OES)	VISTA-MPX	2016/08/27	√
2	气相色谱质谱联用仪 (GC-MS)	5975i	2016/08/27	√
3	紫外 / 可见分光光度计 (UV-Vis)	LAMBDA 25	2016/06/08	√
4	HPLC	1260Infinity	2016/04/12	√

*****报告结束 END OF REPORT *****

声 明

STATEMENT

1. 报告未加盖“检测专用章”无效。

The test report is invalid without stamp of laboratory.

2. 报告无检测、批准人员签字无效。

The test report is invalid without signature of person(s) testing and authorizing.

3. 报告涂改无效。

The test report is invalid if erased and corrected.

4. 自送样品的检测结论仅对送检样品有效。

Test results of the report is valid to the test samples if sampling by client.

5. “☆”号项目未通过 CNAS 认可和 CMA 认定。

“☆” item to be outside the scope of authorized by CNAS .

6. 未经本实验室书面同意，不得部分地复制本报告。

The test report shall not be reproduced except in full, without written approval of the laboratory.

7. 如对本报告有异议，可在收到报告后 15 天内向本单位申诉，逾期不予受理。

If there is any objection to report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

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