

# CPST

## 测试报告

No. C170724029001A

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广东晟日半导体科技有限公司

广东省东莞市南城区黄金路1号天安数码城B2栋4楼404室

以下测试之样品是由申请者所提供及确认

样品名称: 场效应管 (电子元件)  
型号: 请参见下一页  
CPST 参考编号: C170724029  
收样日期: 2017年07月24日  
测试周期: 2017年07月24日至2017年07月27日  
测试方法: 请参见下一页  
测试结果: 请参见下一页

### 结论:

测试样品	测试项目	结果
场效应管 (电子元件)	1. 依照欧盟REACH法规(EC)号1907/2006, 测试欧洲化学品管理局(ECHA) 2017年06月公布的174种高度关注物质(SVHC)的含量。根据指定范围和分析技术, 送测样品中高度关注物质(174SVHC)的浓度小于0.1%(w/w)	合格



谨代表  
欧冠检测技术服务有限公司

主 检:

审 核:

签 发:

*Andy Wang*

*Sunshine Liu*

*Will Pan*

王光宇, Andy  
项目负责人

刘小芳, Sunshine  
报告审核员

潘坚定, Will  
技术总监

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东莞市欧冠检测技术服务有限公司

中国广东省·东莞市厚街镇河田大道77号华丰大厦3楼

t (86-769) 38937858

f (86-769) 38937859

网址: <http://www.cpstlab.com>

邮编: 523945

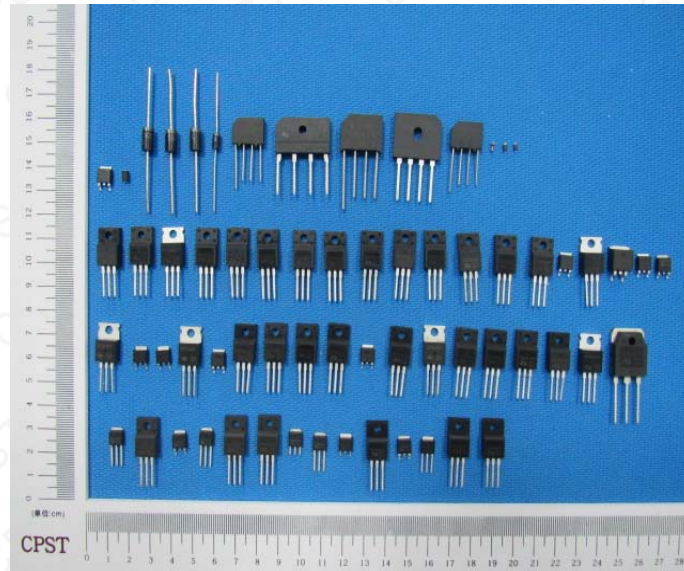
邮箱: [E-mail: service@cpstlab.com](mailto:service@cpstlab.com)

### 型号:

RS1N50A;RS1N50B,RS2N50A,RS2N50BRS2N60N,RS2N60MD,RS2N60M,RS2N60D,RS2N60F,RS2N60T,RS2N65MD,RS2N65M,RS2N65F,RS2N65T,RS4N60MD,RS4N60M,RS4N60D,RS4N60F,RS4N60T,RS4N65MD,RS4N65M,RS4N65D,RS4N65F,RS4N65T,RS5N60MD,RS5N60M,RS5N60D,RS5N60F,RS5N60T,RS5N65MD,RS5N65M,RS5N65D,RS5N65F,RS5N65T,RS6N60D,RS6N60F,RS6N65M,RS6N65F,RS6N70M,RS6N70F,RS7N60M,RS7N60MD,RS7N60F,RS7N60T,RS7N65M,RS7N65MD,RS7N65F,RS7N65T,RS8N60F,RS8N60T,RS8N65F,RS8N65T,RS10N60F,RS10N60T,RS10N65F,RS10N65T,RS12N60F,RS12N60T,RS12N65F,RS12N65T,RS16N65F,RS16N65T,S18N60F,RS18N60T,RS18N65F,RS18N65T,RS630T,RS630D,RS640T,RS640D,RS740T,RS740D,RS830D,RS830F,RS830T,RS840D,RS840F,RS840T,RS9N50F,RS9N50T,RS13N50F,RS13N50T,RS18N50F,RS18N50T,RS18N50P,RS18N50W,RS20N50F,RS20N50T,RS20N50P,RS20N50W,RS20N60F,RS20N60T,RS20N60P,RS20N60W,RS4N70F,RS7N70F,RS8N70F,RS11N70F,RS18N70F,RS4N80F,RS8N80F,RS10N80F,RS10N80T,RS10N80P,RS10N80W,RS9N90F,RS9N90T,RS9N90P,RS9N90W,RSU2N60D,RSU4N60D,RSU4N60F,RSU4N65F,RSU6N60D,RSU6N60F,RSU7N60D,RSU7N60F,RSU7N65D,RSU7N65F,RSU8N60F,RSU11N60F,RSU11N65F,RSU20N60F,RSU20N60P,RSU20N60W,RSU47N60P,RSU47N60W,RSU76N60P,RSU76N60W,RS2301E,RS2302E,RS30N50S,RS30N60T,RS40N145D,RS30N100S,RS60N25D,RS60N50D,RS100N15D,M1-M7;S1A-S1M;S2A-S2M;S3A-S3M;1N4004-1N4007;RL201-RL207;RL251-RL257;1N5401-1N5407;5A1-5A10;6A1-6A10;10A1-10A10;LL4148;B5819W,RSS03060A,RSS04060A,RSS05060A,RSS10060A,RSS10060P,RSS20060A,RSS20060P,RSS30060A,RSS06065A,RSS05065A,RSS09065A,RSS09065D,RSS10065A,RSS20065A,RSS20065P,RSS30065A,RSS02120D,RSS09120A,RSS09120D;RSS10120A,RSS10120B,RSS20120A,RSS20120P,SS110-SS120;SS210-SS220;SS310-SS320;SS510-SS520;SB1100-SB1200;SB2100-SB2200;SB3100-SB3200;SB3100L-SB3200L;SB5100-SB5200;SB540L-SB5200L;SB560L;SB5100L;SB5150L,FR101-FR107,FR151-FR157;FR201-FR207;FR251-FR257;FR301-FR307;FR501-FR507;FR601-FR607;HER208,ES1A-ES1J,ES2A-ES2J;ES3A-ES3J,SF11-SF18;SF21-SF28;SF31-SF38,MB2S-MB10S;MB2F-MB10F;ABS2-ABS10;DB101S-DB107S;DB151S-DB157S;DB201S-DB207S;DB101-DB107;DB151-DB157;KBP201-KBP207;KBP301-KBP310;KBJ401-KBJ410;KBL401-KBL410;KBL601-KBL610;KBU401-KBU410;KBU801-KBU810;KBU1001-KBU1010;GBU401-GBU410;GBU601-GBU610,GBU801-GBU810;GBU101-GBU1010;RS206;KBJ810;GBU1006;KBP210,RSU3N65D,RSU4N65M,RSU4N65D,RSU4N70M,RSU5N65D,RSU5N65F,RSU8N65F,RSU8N65D,RS60N120T,RS60N200T,RS100N14H,RS100N16H,RS100N135T,RS30N10H,RS30N25K,RS40N120T,RS40N120D,RS40N120H,RS60N08H,RS60N20D,RS60N150T,RS40N210T,RS80N160T,RS100N57T,RS150N79T,RS60N80D,RS60N50D (A=SOT-89;B= TO-92;C= SOT-223;D= TO-252;E= SOT-23;E1= SOT23-6; E2 =TSSOP-8;F= TO-220F;G= DFN5x6;H= SOP-8;J= DFN2x2;K= DFN3x3; L= TO-262;M=TO-251;MD= TO-251 N= TO-126;T= TO-220,S= TO-263;P= TO-3P;W= TO-247;W1= TO-247S) ,RSU3N65D,RSU12N65F,RS60N200T

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### 送检样品照片



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序号	测试项目	测试方法	SVHC 项目
1	砷	EPA 3052, ICP-OES	五氧化二砷、三氧化二砷、三乙基砷酸酯、砷酸氢铅、砷酸、砷酸钙、砷酸铅
2	铅	EPA 3052, ICP-OES	砷酸氢铅、铬酸铅、铬酸铅黄 (C.I.颜料黄 34)、钼铬酸铅红 (C.I.颜料红 104)、砷酸铅、叠氮化铅、苦味酸铅、2,4,6-三硝基苯二酚铅(收敛酸铅)、醋酸铅 甲基磺酸铅(II)、氧化铅、四氧化三铅、氟硼酸铅、碱式碳酸铅、钛酸铅、钛酸铅锆、硅酸铅、硅酸钡 (含硅酸铅)、碱式乙酸铅、碱式硫酸铅、二盐基邻苯二甲酸铅、双(十八烷基)二氧代三铅、C16-18 脂肪酸铅盐、氨基氧铅盐、硝酸铅、氧化铅与硫酸铅的复合物、颜料黄 41、亚硫酸铅(II)、四乙基铅、三碱式硫酸铅、磷酸氧化铅、
3	钼	EPA 3052, ICP-OES	钼铬酸铅红 (C.I.颜料红 104)
4	六价铬	IEC 62321, UV-VIS	重铬酸钠、铬酸钠、铬酸钾、重铬酸铵、重铬酸钾、三氧化铬、铬酸及其低聚物产生的酸类: 铬酸、重铬酸、铬酸和重铬酸的低聚物、铬酸锶、铬酸铅、铬酸铅黄 (C.I.颜料黄 34)、钼铬酸铅红 (C.I.颜料红 104)、铬酸铬、氢氧化铬酸锌钾、锌黄(C.I.颜料黄 36)
5	锶	EPA 3052, ICP-OES	铬酸锶
6	钴	EPA 3052, ICP-OES	氯化钴、硫酸钴、硝酸钴、碳酸钴、醋酸钴
7	硼	EPA 3052, ICP-OES	硼酸、无水四硼酸钠、水合硼酸钠、三氧化二硼
8	硅、铝、锆、钡	EPA 3052, ICP-OES	硅酸铝、耐火陶瓷纤维、锆硅酸铝、耐火陶瓷纤维、硅酸铝耐火陶瓷纤维(RCF)、氧化锆硅酸铝耐火陶瓷纤维(Zr-RCF)、硅酸钡 (含硅酸铅)
9	三丁基氧化锡(TBTO)	EPA 3540C, GC-MS	三丁基氧化锡(TBTO)
10	4,4'-二氨基二苯基甲烷 (MDA)	EPA 3540C, GC-MS	4,4'-二氨基二苯基甲烷(MDA)
11	二甲苯麝香	EPA 3540C, GC-MS	二甲苯麝香
12	邻苯二甲酸二丁酯(DBP)	EPA 3540C, GC-MS	邻苯二甲酸二丁酯(DBP)
13	邻苯二甲酸丁苄酯(BBP)	EPA 3540C, GC-MS	邻苯二甲酸丁苄酯(BBP)

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序号	测试项目	测试方法	SVHC 项目
14	邻苯二甲酸二(2-乙基己基)酯(DEHP)	EPA 3540C, GC-MS	邻苯二甲酸二(2-乙基己基)酯 (DEHP)
15	邻苯二甲酸二(C7-11支链与直链)烷基酯 (DHNUP)	EPA 3540C, GC-MS	邻苯二甲酸二(C7-11支链与直链)烷基酯(DHNUP)
16	邻苯二甲酸二异丁酯 (DIBP)	EPA 3540C, GC-MS	邻苯二甲酸二异丁酯(DIBP)
17	邻苯二甲酸二(C6-8支链)烷基酯, 富C7(DIHP)*	EPA 3540C, GC-MS	邻苯二甲酸二(C6-8支链)烷基酯, 富C7 (DIHP)
18	六溴环十二烷及其主要同分异构体(HBCDD)	EPA 3540C, GC-MS	六溴环十二烷及其主要同分异构体(HBCDD)
19	短链氯化石蜡 (SCCP)	EPA 3540C, GC-MS	短链氯化石蜡(SCCP)
20	蒽	Afps GS 2014:01 PAK, GC-MS	蒽
21	蒽油	Afps GS 2014:01 PAK, GC-MS	蒽油
22	蒽油、蒽糊、轻油	Afps GS 2014:01 PAK, GC-MS	蒽油、蒽糊、轻油
23	蒽油、蒽糊、蒽馏分	Afps GS 2014:01 PAK, GC-MS	蒽油、蒽糊、蒽馏分
24	蒽油、少蒽	Afps GS 2014:01 PAK, GC-MS	蒽油、少蒽
25	蒽油、蒽糊	Afps GS 2014:01 PAK, GC-MS	蒽油、蒽糊
26	高温煤沥青	蒸馏法	高温煤沥青
27	丙烯酰胺	EPA 3540C, GC-MS	丙烯酰胺
28	2,4-二硝基甲苯	EPA 3540C, GC-MS	2,4-二硝基甲苯
29	三(2-氯乙基)磷酸盐	EPA 3540C, GC-MS	三(2-氯乙基)磷酸盐
30	三氯乙烯	EPA 3540C, GC-MS	三氯乙烯
31	乙二醇单甲醚	EPA 3540C, GC-MS	乙二醇单甲醚
32	乙二醇单乙醚	EPA 3540C, GC-MS	乙二醇单乙醚
33	乙二醇乙醚乙酸酯	EPA 3540C, GC-MS	乙二醇乙醚乙酸酯
34	胍	EPA 8260C,	胍

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序号	测试项目	测试方法	SVHC 项目
		HS-GC-MS	
35	N-甲基吡咯烷酮	EPA 3540C, GC-MS	N-甲基吡咯烷酮
36	1,2,3-三氯丙烷	EPA 3540C, GC-MS	1,2,3-三氯丙烷
37	甲醛苯胺共聚物	EPA 3540C, HPLC	甲醛苯胺共聚物
38	邻苯二甲酸二甲氧乙酯 (DMEP)	EPA 3540C, GC-MS	邻苯二甲酸二甲氧乙酯 (DMEP)
39	邻甲氧基苯胺	EPA 3540C, GC-MS	邻甲氧基苯胺
40	对特辛基苯酚	EPA 3540C, HPLC	对特辛基苯酚
41	1,2-二氯乙烷	GB 18583-2008 附件 E, GC-FID	1,2-二氯乙烷
42	二乙二醇二甲醚	GB 18582-2008 附录 A, GC-FID	二乙二醇二甲醚
43	N,N-二甲基乙酰胺 (DMAC)	EPA 3540C, GC-MS	N,N-二甲基乙酰胺 (DMAC)
44	2,2'-二氯-4,4'-二氨基二苯基甲烷(MOCA)	EPA 3540C, GC-MS	2,2'-二氯-4,4'-二氨基二苯基甲烷 (MOCA)
45	酚酞	EPA 3540C, HPLC	酚酞
46	三甘醇二甲醚	EPA 3540C, GC-MS	三甘醇二甲醚
47	1, 2-二甲氧基乙烷	EPA 3540C, GC-MS	1, 2-二甲氧基乙烷
48	甲酰胺	EPA 3540C, GC-MS	甲酰胺
49	异氰尿酸三缩水甘油酯	EPA 3540C, HPLC	异氰尿酸三缩水甘油酯
50	异氰脲酸B-三缩水甘油酯	EPA 3540C, HPLC	异氰脲酸B-三缩水甘油酯
51	4,4'-四甲基二氨二苯酮	EPA 3540C, GC-MS	4,4'-四甲基二氨二苯酮
52	4,4'-亚甲基双(N, N-二甲苯胺)	EPA 3540C, GC-MS	4,4'-亚甲基双(N, N-二甲苯胺)
53	碱性紫 3	EPA 3540C, HPLC	碱性紫 3
54	碱性蓝 26	EPA 3540C, HPLC	碱性蓝 26
55	溶剂蓝 4	EPA 3540C, HPLC	溶剂蓝 4
56	$\alpha,\alpha$ -二[(二甲氨基)苯基]-4-甲氨基苯甲醇	EPA 3540C, GC-MS	$\alpha,\alpha$ -二[(二甲氨基)苯基]-4-甲氨基苯甲醇

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序号	测试项目	测试方法	SVHC 项目
57	十溴联苯醚	EPA 3540C, GC-MS	十溴联苯醚
58	全氟十三酸	EPA 3540C, HPLC	全氟十三酸
59	全氟十二烷酸	EPA 3540C, HPLC	全氟十二烷酸
60	全氟十一烷酸	EPA 3540C, HPLC	全氟十一烷酸
61	全氟代十四酸	EPA 3540C, HPLC	全氟代十四酸
62	偶氮二甲酰胺	EPA 3540C, HPLC	偶氮二甲酰胺
63	甲氧基乙酸	EPA 3540C, GC-MS	甲氧基乙酸
64	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	EPA 3540C, GC-MS	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
65	4-壬基(支链与直链)苯酚	EPA 3540C, GC-MS	4-壬基(支链与直链)苯酚
66	对特辛基苯酚乙氧基醚	EPA 3540C, GC-MS	对特辛基苯酚乙氧基醚
67	六氢邻苯二甲酸酐、六氢-1,3-异苯并呋喃二酮、反-1,2-环己烷二羧酸酐	EPA 3540C, GC-MS	六氢邻苯二甲酸酐、六氢-1,3-异苯并呋喃二酮、反-1,2-环己烷二羧酸酐
68	N,N-二甲基甲酰胺	EPA 3540C, GC-MS	N,N-二甲基甲酰胺
69	二丁基二氯化锡(DBTC)	EPA 3540C, GC-MS	二丁基二氯化锡(DBTC)
70	溴代正丙烷	EPA 3540C, GC-MS	溴代正丙烷
71	环氧丙烷	EPA 3540C, GC-MS	环氧丙烷
72	支链和直链1,2-苯二羧二戊酯	EPA 3540C, GC-MS	支链和直链1,2-苯二羧二戊酯
73	邻苯二甲酸二异戊酯(DIPP)	EPA 3540C, GC-MS	邻苯二甲酸二异戊酯 (DIPP)
74	邻苯二甲酸正戊基异戊基酯	EPA 3540C, GC-MS	邻苯二甲酸正戊基异戊基酯
75	乙二醇二乙醚	EPA 3540C, GC-MS	乙二醇二乙醚
76	呋喃	EPA 3540C, GC-MS	呋喃
77	硫酸二乙酯	EPA 3540C, GC-MS	硫酸二乙酯
78	硫酸二甲酯	EPA 3540C, GC-MS	硫酸二甲酯

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序号	测试项目	测试方法	SVHC 项目
79	3-乙基-2-甲基-2-(3-甲基丁基)噁唑烷	EPA 3540C, GC-MS	3-乙基-2-甲基-2-(3-甲基丁基)噁唑烷
80	地乐酚	EPA 3540C, GC-MS	地乐酚
81	4,4'-二氨基-3,3'-二甲基二苯甲烷	EPA 3540C, GC-MS	4,4'-二氨基-3,3'-二甲基二苯甲烷
82	4,4'-二氨基二苯醚	EPA 3540C, GC-MS	4,4'-二氨基二苯醚
83	对氨基偶氮苯	EPA 3540C, GC-MS	对氨基偶氮苯
84	2,4-二氨基甲苯	EPA 3540C, GC-MS	2,4-二氨基甲苯
85	2-甲氧基-5-甲基苯胺	EPA 3540C, GC-MS	2-甲氧基-5-甲基苯胺
86	4-氨基联苯	EPA 3540C, GC-MS	4-氨基联苯
87	邻氨基偶氮甲苯	EPA 3540C, GC-MS	邻氨基偶氮甲苯
88	邻甲基苯胺	EPA 3540C, GC-MS	邻甲基苯胺
89	N-甲基乙酰胺	EPA 3540C, GC-MS	N-甲基乙酰胺
90	镉	EPA 3052, ICP-OES	镉,氧化镉,硫化镉,氯化镉,氟化镉,硫酸镉
91	邻苯二甲酸二正戊酯 (DPP)	EPA 3540C, GC-MS	邻苯二甲酸二正戊酯 (DPP)
92	4-壬基酚, 支链和直连, 乙氧基	EPA 3540C, GC-MS	4-壬基酚, 支链和直连, 乙氧基
93	全氟辛酸铵(APFO)	EPA 3540C, GC-MS	全氟辛酸铵(APFO)
94	全氟辛酸(PFOA)	EPA 3540C, GC-MS	全氟辛酸(PFOA)
95	邻苯二甲酸二己酯 (DHXP)	EPA 3540C, GC-MS	邻苯二甲酸二己酯(DHXP)
96	CI直接红28	EPA 3540C, HPLC	CI直接红28
97	CI直接黑38	EPA 3540C, HPLC	CI直接黑38
98	亚乙基硫脲	EPA 3540C, HPLC	亚乙基硫脲
99	磷酸三(二甲苯)酯	EPA 3540C, GC-MS	磷酸三(二甲苯)酯
100	邻苯二甲酸二己酯	EPA 3540C, GC-MS	邻苯二甲酸二己酯
101	紫外吸收剂 UV-328	EPA 3540C, HPLC	紫外吸收剂 UV-328
102	紫外吸收剂 UV-320	EPA 3540C, HPLC	紫外吸收剂 UV-320

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序号	测试项目	测试方法	SVHC 项目
103	DOTE	EPA 3540C, HPLC	DOTE
104	DOTE和MOTE反应产物	EPA 3540C, HPLC	DOTE和MOTE反应产物
105	1,2-苯二羧二-碳6-10-烷基酯: (癸基、己基、辛基)酯与1,2-苯二甲酸的复合物	EPA 3540C, GC-MS	1,2-苯二羧二-碳6-10-烷基酯: (癸基、己基、辛基)酯与1,2-苯二甲酸的复合物
106	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它们的混合物)	EPA 3540C, HPLC	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它们的混合物)
107	1,3-丙烷磺内酯	EPA 3540C, HPLC	1,3-丙烷磺内酯
108	2,4-二-叔丁基-6-(5-氯-2H-苯并三唑-2-基)苯酚 (UV-327)	EPA 3540C, HPLC	2,4-二-叔丁基-6-(5-氯-2H-苯并三唑-2-基)苯酚 (UV-327)
109	2-(2'-羟基-3'-异丁基-5'-叔丁基苯基)苯并三唑 (UV-350)	EPA 3540C, HPLC	2-(2'-羟基-3'-异丁基-5'-叔丁基苯基)苯并三唑 (UV-350)
110	硝基苯	EPA 3540C, HPLC	硝基苯
111	全氟壬酸及盐 (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-十七氟壬酸和其钠和铵盐)	EPA 3540C, HPLC	全氟壬酸及盐(2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-十七氟壬酸和其钠和铵盐)
112	苯并[def]屈 苯并(a)芘(BaP)	Afps GS 2014:01 PAK, GC-MS	苯并[def]屈 苯并(a)芘(BaP)
113	4,4'-异亚丙基双酚 (BPA)	EPA 3540C, HPLC	4,4'-异亚丙基双酚(BPA)
114	4-庚基苯酚, 直链和支链 [苯酚的4号位被碳原子数为7的烷基取代的产	EPA 3540C, HPLC	4-庚基苯酚, 直链和支链[苯酚的4号位被碳原子数为7的烷基取代的产物, 包括 UVCB-、所有单一同分异构体及其组合] (4-HPBI)

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序号	测试项目	测试方法	SVHC 项目
	物, 包括 UVCB-、所有单一同分异构体及其组合] (4-HPBI)		
115	对叔戊基苯酚	EPA 3540C, HPLC	对叔戊基苯酚
116	全氟癸酸(PFDA)及其钠盐和铵盐	EPA 3540C, HPLC	全氟癸酸(PFDA)及其钠盐和铵盐
117	全氟辛烷-1-磺酸及其盐类(PFHxS)	EPA 3540C, HPLC	全氟辛烷-1-磺酸及其盐类(PFHxS)

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### 测试结果:

样品描述 : No.1 金属(混测)  
No.2 非金属(混测)

### 1. 第一批14种SVHC (2008年10月公布)

序号	测试项目	CAS No.	分类	报告限 %(w/w)	结果 %(w/w)		限值 %(w/w)
					No.1	No.2	
1	三丁基氧化锡 (TBTO)	56-35-9	持续性, 生物累积性及 毒性物质 (PBT)	0.020	N.A.	N.D.	0.1
2	五氧化二砷**	1303-28-2	第一类致癌物	0.020	N.D.	N.D.	0.1
3	三氧化二砷**	1327-53-3	第一类致癌物	0.020	N.D.	N.D.	0.1
4	三乙基砷酸酯**	15606-95-8	第一类致癌物	0.020	N.D.	N.D.	0.1
5	砷酸氢铅**	7784-40-9	第一类致癌物; 第一类 生殖毒性物质	0.020	N.D.	N.D.	0.1
6	氯化钴**	7646-79-9	第二类致癌物	0.020	N.D.	N.D.	0.1
7	重铬酸钠**	7789-12-0, 10588-01-9	第二类致癌物; 第二类 诱导有机体突变的物 质; 第二类生殖毒性物 质	0.020	N.D.	N.D.	0.1
8	蒽	120-12-7	持续性, 生物累积性及 毒性物质 (PBT)	0.020	N.A.	N.D.	0.1
9	4,4'-二氨基二 苯基甲烷 (MDA)	101-77-9	第二类致癌物	0.020	N.A.	N.D.	0.1
10	邻苯二甲酸二 丁酯(DBP)	84-74-2	第二类生殖毒性物质	0.020	N.A.	N.D.	0.1
11	邻苯二甲酸丁 苄酯(BBP)	85-68-7	第二类生殖毒性物质	0.020	N.A.	N.D.	0.1
12	二甲苯麝香	81-15-2	非常持久, 高度生物累 积性物质	0.020	N.A.	N.D.	0.1
13	六溴环十二烷 及其主要同分 异构体 (HBCDD)	25637-99-4, 3194-55-6 (134237-50-6, 134237-51-7, 134237-52-8)	持续性, 生物累积性及 毒性物质 (PBT)	0.020	N.A.	N.D.	0.1
14	短链氯化石蜡 (SCCP)	85535-84-8	持续性, 生物累积性及 毒性物质 (PBT) 非常 持久, 高度生物累积性 物质	0.020	N.A.	N.D.	0.1

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## 第二批13种SVHC (2010年1月和3月公布)

序号	测试项目	CAS No.	分类	报告限 %(w/w)	结果 %(w/w)		限值 %(w/w)
					No.1	No.2	
15	葱油	90640-80-5	持续性,生物累积性及 毒性物质 (PBT)	0.020	N.A.	N.D.	0.1
16	葱油、葱糊、轻油	91995-17-4	持续性,生物累积性及 毒性物质 (PBT)	0.020	N.A.	N.D.	0.1
17	葱油、葱糊、葱馏 分	91995-15-2	持续性,生物累积性及 毒性物质 (PBT)	0.020	N.A.	N.D.	0.1
18	葱油、少葱	90640-82-7	持续性,生物累积性及 毒性物质 (PBT)	0.020	N.A.	N.D.	0.1
19	葱油、葱糊	90640-81-6	持续性,生物累积性及 毒性物质 (PBT)	0.020	N.A.	N.D.	0.1
20	高温煤沥青	65996-93-2	持续性,生物累积性及 毒性物质 (PBT)	0.020	N.A.	N.D.	0.1
21	丙烯酰胺	79-06-1	第二类诱导有机体突 变的物质;	0.020	N.A.	N.D.	0.1
22	2,4-二硝基甲苯	121-14-2	第二类致癌物	0.020	N.A.	N.D.	0.1
23	邻苯二甲酸二异 丁酯 (DIBP)	84-69-5	第二类生殖毒性物质	0.020	N.A.	N.D.	0.1
24	铬酸铅**	7758-97-6	第二类致癌物; 第一 类生殖毒性物质	0.020	N.D.	N.D.	0.1
25	钼铬酸铅红 (C.I. 颜料红 104) **	12656-85-8	第二类致癌物; 第一 类生殖毒性物质	0.020	N.D.	N.D.	0.1
26	铬酸铅黄 (C.I.颜 料黄 34) **	1344-37-2	第二类致癌物; 第一 类生殖毒性物质	0.020	N.D.	N.D.	0.1
27	三(2-氯乙基)磷 酸盐	115-96-8	第二类生殖毒性物质	0.020	N.A.	N.D.	0.1

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第三批 8 种 SVHC (2010 年 6 月公布)

序号	测试项目	CAS No.	分类	报告限 %(w/w)	结果 %(w/w)		限值 %(w/w)
					No.1	No.2	
28	三氯乙烯	79-01-6	第二类致癌物	0.020	N.A.	N.D.	0.1
29	硼酸**	10043-35-3/ 11113-50-1	第二类生殖毒性物质	0.020	N.D.	N.D.	0.1
30	无水四硼酸钠**	1330-43-4/ 12179-04-3/ 1303-96-4	第二类生殖毒性物质	0.020	N.D.	N.D.	0.1
31	水合硼酸钠**	12267-73-1	第二类生殖毒性物质	0.020	N.D.	N.D.	0.1
32	铬酸钠**	7775-11-3	第二类致癌物; 第二类 诱导有机体突变的物质; 第二类生殖毒性物质	0.020	N.D.	N.D.	0.1
33	铬酸钾**	7789-00-6	第二类致癌物; 第二类 诱导有机体突变的物质	0.020	N.D.	N.D.	0.1
34	重铬酸铵**	7789-09-5	第二类致癌物; 第二类 诱导有机体突变的物质; 第二类生殖毒性物质	0.020	N.D.	N.D.	0.1
35	重铬酸钾**	7778-50-9	第二类致癌物; 第二类 诱导有机体突变的物质; 第二类生殖毒性物质	0.020	N.D.	N.D.	0.1

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第四批 8 种 SVHC (2010 年 12 月公布)

序号	测试项目	CAS No.	分类	报告限 %(w/w)	结果 %(w/w)		限值 %(w/w)	
					No.1	No.2		
36	硫酸钴**	10124-43-3	致癌物和生殖毒性物质分类参照 REACH 第57(a) 和 57(c)章节	0.020	N.D.	N.D.	0.1	
37	硝酸钴**	10141-05-6	致癌物和生殖毒性物质分类参照 REACH 第57(a) 和 57(c)章节	0.020	N.D.	N.D.	0.1	
38	碳酸钴**	513-79-1	致癌物和生殖毒性物质分类参照 REACH 第57(a) 和 57(c)章节	0.020	N.D.	N.D.	0.1	
39	醋酸钴**	71-48-7	致癌物和生殖毒性物质分类参照 REACH 第57(a) 和 57(c)章节	0.020	N.D.	N.D.	0.1	
40	乙二醇单甲醚	109-86-4	生殖毒性物质分类参照 REACH 第 57(c)章节	0.020	N.A.	N.D.	0.1	
41	乙二醇单乙醚	110-80-5	生殖毒性物质分类参照 REACH 第 57(c)章节	0.020	N.A.	N.D.	0.1	
42	三氧化铬**	1333-82-0	致癌物和诱导有机体突变的物质分类参照 REACH 第 57(a) 和 57(b)章节	0.020	N.D.	N.D.	0.1	
43	铬酸及其低聚物产生的酸类:	铬酸**	7738-94-5	致癌物质分类参照 REACH 第 57(a) 章节	0.020	N.D.	N.D.	0.1
		重铬酸**	13530-68-2		0.020	N.D.	N.D.	0.1
		铬酸和重铬酸的低聚物**	--		0.020	N.D.	N.D.	0.1

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第五批 7 种 SVHC (2011 年 6 月公布)

序号	测试项目	CAS No.	分类	报告限 %(w/w)	结果 %(w/w)		限值 %(w/w)
					No.1	No.2	
44	乙二醇乙醚乙酸酯	111-15-9	第二类致癌物; 第二类诱导有机体突变的物质; 第二类生殖毒性物质	0.020	N.A.	N.D.	0.1
45	铬酸镉**	7789-06-2	第二类致癌物; 第二类诱导有机体突变的物质; 第二类生殖毒性物质	0.020	N.D.	N.D.	0.1
46	邻苯二甲酸二(C7-11支链与直链)烷基酯(DHNUP)*	68515-42-4	第二类致癌物; 第二类诱导有机体突变的物质; 第二类生殖毒性物质	0.020	N.A.	N.D.	0.1
47	胂	7803-57-8 302-01-2	第二类致癌物; 第二类诱导有机体突变的物质; 第二类生殖毒性物质	0.020	N.A.	N.D.	0.1
48	N-甲基吡咯烷酮	872-50-4	第二类致癌物; 第二类诱导有机体突变的物质; 第二类生殖毒性物质	0.020	N.A.	N.D.	0.1
49	1,2,3-三氯丙烷	96-18-4	第二类致癌物; 第二类诱导有机体突变的物质; 第二类生殖毒性物质	0.020	N.A.	N.D.	0.1
50	邻苯二甲酸二(C6-8支链)烷基酯, 富C7(DIHP)*	71888-89-6	第二类致癌物; 第二类诱导有机体突变的物质; 第二类生殖毒性物质	0.020	N.A.	N.D.	0.1

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### 第六批 20 种 SVHC (2011 年 12 月公布)

序号	测试项目	CAS No.	分类	报告限 %(w/w)	结果 %(w/w)		限值 %(w/w)
					No.1	No.2	
51	铬酸铬**	24613-89-6	第二类致癌物	0.020	N.D.	N.D.	0.1
52	氢氧化铬酸锌钾**	11103-86-9	第二类致癌物	0.020	N.D.	N.D.	0.1
53	锌黄 (C.I. 颜料黄 36)**	49663-84-5	第二类致癌物	0.020	N.D.	N.D.	0.1
54	硅酸铝耐火陶瓷纤维 (RCF)**	-	第二类致癌物	0.020	N.D.	N.D.	0.1
55	氧化锆硅酸铝耐火陶瓷纤维 (Zr-RCF)**	-	第二类致癌物	0.020	N.D.	N.D.	0.1
56	甲醛苯胺共聚物	25214-70-4	第二类致癌物	0.020	N.A.	N.D.	0.1
57	邻苯二甲酸二甲氧乙酯(DMEP)	117-82-8	第二类生殖毒性物质	0.020	N.A.	N.D.	0.1
58	邻甲氧基苯胺	90-04-0	第二类致癌物	0.020	N.A.	N.D.	0.1
59	对特辛基苯酚	140-66-9	第二类致癌物; 第二类诱导有机体突变的物质; 第二类生殖毒性物质	0.020	N.A.	N.D.	0.1
60	1,2-二氯乙烷	107-06-2	第二类致癌物	0.020	N.A.	N.D.	0.1
61	二乙二醇二甲醚	111-96-6	第二类生殖毒性物质	0.020	N.A.	N.D.	0.1
62	砷酸**	7778-39-4	第二类致癌物	0.020	N.D.	N.D.	0.1
63	砷酸钙**	7778-44-1	第二类致癌物	0.020	N.D.	N.D.	0.1
64	砷酸铅**	3687-31-8	第二类致癌物; 第二类生殖毒性物质	0.020	N.D.	N.D.	0.1
65	N,N-二甲基乙酰胺 (DMAC)	127-19-5	第二类生殖毒性物质	0.020	N.A.	N.D.	0.1
66	2,2'-二氯-4,4'-二氨基二苯基甲烷 (MOCA)	101-14-4	第二类致癌物	0.020	N.A.	N.D.	0.1
67	酚酞	77-09-8	第二类致癌物	0.020	N.A.	N.D.	0.1
68	叠氮化铅**	13424-46-9	第二类生殖毒性物质	0.020	N.D.	N.D.	0.1
69	2,4,6-三硝基苯二酚铅 (收敛酸铅)**	15245-44-0	第二类生殖毒性物质	0.020	N.D.	N.D.	0.1
70	苦味酸铅**	6477-64-1	第二类生殖毒性物质	0.020	N.D.	N.D.	0.1

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第七批 13种 SVHC (2012年6月公布)

序号	测试项目	CAS No.	分类	报告限 %(w/w)	结果 %(w/w)		限值 %(w/w)
					No.1	No.2	
71	三甘醇二甲醚	112-49-2	第二类生殖毒性物质	0.020	N.A.	N.D.	0.1
72	1, 2-二甲氧基乙烷	110-71-4	第二类生殖毒性物质	0.020	N.A.	N.D.	0.1
73	三氧化二硼**	1303-86-2	第二类生殖毒性物质	0.020	N.D.	N.D.	0.1
74	甲酰胺	75-12-7	第二类生殖毒性物质	0.020	N.A.	N.D.	0.1
75	甲基磺酸铅(II)**	17570-76-2	第二类生殖毒性物质	0.020	N.D.	N.D.	0.1
76	异氰尿酸三缩水甘油酯	2451-62-9	第一类诱导有机体突变的物质	0.020	N.A.	N.D.	0.1
77	异氰脲酸B-三缩水甘油酯	59653-74-6	第一类诱导有机体突变的物质	0.020	N.A.	N.D.	0.1
78	4,4'-四甲基二氨基二苯酮	90-94-8	第二类致癌物	0.020	N.A.	N.D.	0.1
79	4,4'-亚甲基双(N,N-二甲基苯胺)	101-61-1	第二类致癌物	0.020	N.A.	N.D.	0.1
80	碱性紫 3	548-62-9	第二类致癌物	0.020	N.A.	N.D.	0.1
81	碱性蓝 26	2580-56-5	第二类致癌物	0.020	N.A.	N.D.	0.1
82	溶剂蓝 4	6786-83-0	第二类致癌物	0.020	N.A.	N.D.	0.1
83	$\alpha, \alpha$ -二[(二氨基)苯基]-4-氨基苯甲醇	561-41-1	第二类致癌物	0.020	N.A.	N.D.	0.1

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第八批 54 种 SVHC (2012 年 12 月公布)

序号	测试项目	CAS No.	分类	报告限 %(w/w)	结果 %(w/w)		限值 %(w/w)
					No.1	No.2	
84	十溴联苯醚	1163-19-5	持续性, 生物累积性及毒性物质; 非常持久, 高度生度累积性物质	0.020	N.A.	N.D.	0.1
85	全氟十三酸	72629-94-8	非常持久, 高度生度累积性物质	0.020	N.A.	N.D.	0.1
86	全氟十二烷酸	307-55-1	非常持久, 高度生度累积性物质	0.020	N.A.	N.D.	0.1
87	全氟十一烷酸	2058-94-8	非常持久, 高度生度累积性物质	0.020	N.A.	N.D.	0.1
88	全氟代十四酸	376-06-7	非常持久, 高度生度累积性物质	0.020	N.A.	N.D.	0.1
89	偶氮二甲酰胺	123-77-3	同等程度的关注-可能严重影响人类健康	0.020	N.A.	N.D.	0.1
90	六氢邻苯二甲酸酐、六氢-1,3-异苯并呋喃二酮、反-1,2-环己烷二羧酸酐	85-42-7, 13149-00-3, 14166-21-3	同等程度的关注-可能严重影响人类健康	0.020	N.A.	N.D.	0.1
91	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	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	同等程度的关注-可能严重影响人类健康	0.020	N.A.	N.D.	0.1
92	4-壬基(支链与直链)苯酚(含有线性或分支、共价绑定苯酚的 9 个碳烷基链的物质, 包括 UVCB 物质以及任何 含有独立或组合的界定明确的同分异构体的物质)	-	同等程度的关注-可能严重影响人类健康	0.020	N.A.	N.D.	0.1
93	对特辛基苯酚乙氧基醚(包括界定明确的物质以及 UVCB 物质、聚合物和同系物)	-	同等程度的关注-可能严重影响人类健康	0.020	N.A.	N.D.	0.1
94	甲氧基乙酸	625-45-6	致生殖毒性	0.020	N.A.	N.D.	0.1

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序号	测试项目	CAS No.	分类	报告限 %(w/w)	结果 %(w/w)		限值 %(w/w)
					No.1	No.2	
95	N,N-二甲基甲酰胺	68-12-2	致生殖毒性	0.020	N.A.	N.D.	0.1
96	二丁基二氯化锡(DBTC)	683-18-1	致生殖毒性	0.020	N.A.	N.D.	0.1
97	氧化铅**	1317-36-8	致生殖毒性	0.020	N.D.	N.D.	0.1
98	四氧化三铅**	1314-41-6	致生殖毒性	0.020	N.D.	N.D.	0.1
99	氟硼酸铅**	13814-96-5	致生殖毒性	0.020	N.D.	N.D.	0.1
100	碱式碳酸铅**	1319-46-6	致生殖毒性	0.020	N.D.	N.D.	0.1
101	钛酸铅**	12060-00-3	致生殖毒性	0.020	N.D.	N.D.	0.1
102	钛酸铅锆**	12626-81-2	致生殖毒性	0.020	N.D.	N.D.	0.1
103	硅酸铅**	11120-22-2	致生殖毒性	0.020	N.D.	N.D.	0.1
104	掺杂铅的硅酸钡**	68784-75-8	致生殖毒性	0.020	N.D.	N.D.	0.1
105	溴代正丙烷	106-94-5	致生殖毒性	0.020	N.A.	N.D.	0.1
106	环氧丙烷	75-56-9	致癌性; 致诱变性	0.020	N.A.	N.D.	0.1
107	1,2-苯二羧二戊酯(支链和直链)	84777-06-0	致生殖毒性	0.020	N.A.	N.D.	0.1
108	邻苯二甲酸二异戊酯(DIPP)	605-50-5	致生殖毒性	0.020	N.A.	N.D.	0.1
109	邻苯二甲酸正戊基异戊基酯	776297-69-9	致生殖毒性	0.020	N.A.	N.D.	0.1
110	乙二醇二乙醚	629-14-1	致生殖毒性	0.020	N.A.	N.D.	0.1
111	碱式乙酸铅**	51404-69-4	致生殖毒性	0.020	N.D.	N.D.	0.1
112	碱式硫酸铅**	12036-76-9	致生殖毒性	0.020	N.D.	N.D.	0.1
113	二盐基邻苯二甲酸铅**	69011-06-9	致生殖毒性	0.020	N.D.	N.D.	0.1
114	双(十八烷基)二氧代三铅**	12578-12-0	致生殖毒性	0.020	N.D.	N.D.	0.1
115	C16-18-脂肪酸铅盐**	91031-62-8	致生殖毒性	0.020	N.D.	N.D.	0.1
116	氨基氰铅盐**	20837-86-9	致生殖毒性	0.020	N.D.	N.D.	0.1
117	硝酸铅**	10099-74-8	致生殖毒性	0.020	N.D.	N.D.	0.1

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序号	测试项目	CAS No.	分类	报告限 %(w/w)	结果 %(w/w)		限值 %(w/w)
					No.1	No.2	
118	氧化铅与硫酸铅的复合物**	12065-90-6	致生殖毒性	0.020	N.D.	N.D.	0.1
119	颜料黄 41**	8012-00-8	致生殖毒性	0.020	N.D.	N.D.	0.1
120	氧化铅与硫化铅的复合物**	62229-08-7	致生殖毒性	0.020	N.D.	N.D.	0.1
121	四乙基铅**	78-00-2	致生殖毒性	0.020	N.D.	N.D.	0.1
122	三碱式硫酸铅**	12202-17-4	致生殖毒性	0.020	N.D.	N.D.	0.1
123	磷酸氧化铅**	12141-20-7	致生殖毒性	0.020	N.D.	N.D.	0.1
124	呋喃	110-00-9	致癌性	0.020	N.A.	N.D.	0.1
125	硫酸二乙酯	64-67-5	致癌性; 致诱变性	0.020	N.A.	N.D.	0.1
126	硫酸二甲酯	77-78-1	致癌性	0.020	N.A.	N.D.	0.1
127	3-乙基-2-甲基-2-(3-甲基丁基)噁唑烷	143860-04-2	致生殖毒性	0.020	N.A.	N.D.	0.1
128	地乐酚	88-85-7	致生殖毒性	0.020	N.A.	N.D.	0.1
129	4,4'-二氨基-3,3'-二甲基二苯甲烷	838-88-0	致癌性	0.020	N.A.	N.D.	0.1
130	4,4'-二氨基二苯醚	101-80-4	致癌性; 致诱变性	0.020	N.A.	N.D.	0.1
131	对氨基偶氮苯	1960-9-3	致癌性	0.020	N.A.	N.D.	0.1
132	2,4-二氨基甲苯	95-80-7	致癌性	0.020	N.A.	N.D.	0.1
133	2-甲氧基-5-甲基苯胺	120-71-8	致癌性	0.020	N.A.	N.D.	0.1
134	4-氨基联苯	92-67-1	致癌性	0.020	N.A.	N.D.	0.1
135	邻氨基偶氮甲苯	97-56-3	致癌性	0.020	N.A.	N.D.	0.1
136	邻甲基苯胺	95-53-4	致癌性	0.020	N.A.	N.D.	0.1
137	N-甲基乙酰胺	79-16-3	致生殖毒性	0.020	N.A.	N.D.	0.1

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### 第九批 6 种 SVHC (2013 年 6 月公布)

序号	测试项目	CAS No.	分类	报告限 %(w/w)	结果 %(w/w)		限值 %(w/w)
					No.1	No.2	
138	镉	7440-43-9	致癌性,会对人类引起严重影响的等效物质	0.020	N.D.	N.D.	0.1
139	氧化镉**	1306-19-0	致癌性,会对人类引起严重影响的等效物质	0.020	N.D.	N.D.	0.1
140	邻苯二甲酸二正戊酯 (DPP)	131-18-0	生殖毒性	0.020	N.A.	N.D.	0.1
141	4-壬基酚, 支链和直连, 乙氧基	-	会对人类引起严重影响的等效物质	0.020	N.A.	N.D.	0.1
142	全氟辛酸铵	3825-26-1	生殖毒性	0.020	N.A.	N.D.	0.1
143	全氟辛酸	335-67-1	生殖毒性, PBT	0.020	N.A.	N.D.	0.1

### 第十批 7 种 SVHC (2013 年 12 月公布)

序号	测试项目	CAS No.	分类	报告限 %(w/w)	结果 %(w/w)		限值 %(w/w)
					No.1	No.2	
144	硫化镉**	1306-23-6	致癌性,会对人类引起严重影响的等效物质	0.020	N.D.	N.D.	0.1
145	CI直接黑38	1937-37-7	致癌性	0.020	N.A.	N.D.	0.1
146	邻苯二甲酸二己酯	84-75-3	生殖毒性	0.020	N.A.	N.D.	0.1
147	亚乙基硫脲	96-45-7	生殖毒性	0.020	N.A.	N.D.	0.1
148	磷酸三(二甲苯)酯	25155-23-1	生殖毒性	0.020	N.A.	N.D.	0.1
149	CI直接红28	573-58-0	致癌性	0.020	N.A.	N.D.	0.1
150	醋酸铅**	301-04-2	生殖毒性	0.020	N.D.	N.D.	0.1

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## 第十一批 4 种 SVHC (2014 年 6 月公布)

序号	测试项目	CAS No.	分类	报告限 %(w/w)	结果 %(w/w)		限值 %(w/w)
					No.1	No.2	
151	邻苯二甲酸二己酯	68515-50-4	生殖毒性	0.020	N.A.	N.D.	0.1
152	过硼酸钠,过硼酸钠盐**	-	生殖毒性	0.020	N.D.	N.D.	0.1
153	过硼酸钠**	7632-04-4	生殖毒性	0.020	N.D.	N.D.	0.1
154	氯化镉**	10108-64-2	致癌性, 会对人类引起严重影响的等效物质	0.020	N.D.	N.D.	0.1

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第十二批 7 种 SVHC (2014 年 12 月公布)

序号	测试项目	CAS No.	分类	报告限 %(w/w)	结果 %(w/w)		限值 %(w/w)
					No.1	No.2	
155	紫外吸收剂 UV-328	25973-55-1	PBT (57d 条款); vPvB (57e 条款)	0.020	N.A.	N.D.	0.1
156	紫外吸收剂 UV-320	3846-71-7	PBT (57d 条款); vPvB (57e 条款)	0.020	N.A.	N.D.	0.1
157	DOTE	15571-58-1	生殖毒性(57c 条款)	0.020	N.A.	N.D.	0.1
158	DOTE和MOTE反 应产物	-	生殖毒性 (57c 条款)	0.020	N.A.	N.D.	0.1
159	氟化镉**	7790-79-6	致癌性 (57a条款) 致突变性 (57b条款) 生殖毒性 (57c条款) 对人体健康产生严重 影响而引起与其他特性 等同的关注, (57f 条款)	0.020	N.D.	N.D.	0.1
160	硫酸镉**	10124-36-4; 31119-53-6	致癌性 (57a条款) 致突变性 (57b条款) 生殖毒性 (57c条款) 对人体健康产生严重 影响而引起与其他特性 等同的关注, (57f 条款)	0.020	N.D.	N.D.	0.1
161	邻苯二甲酸二(2-乙 基己基)酯(DEHP)	117-81-7	对环境产生严重影响而 引起与其他特性同等的 关注 (57f条款) 生殖毒性 (57c 条款)	0.020	N.A.	N.D.	0.1

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第十三批 2 种 SVHC (2015 年 6 月公布)

序号	测试项目	CAS No.	分类	报告限 %(w/w)	结果 %(w/w)		限值 %(w/w)
					No.1	No.2	
162	1,2-苯二羧二-碳 6-10-烷基酯; (癸基、 己基、辛基)酯与1,2- 苯二甲酸的复合物	68515-51-5 68648-93-1	生殖毒性	0.020	N.A.	N.D.	0.1
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 构体以及它们的混合 物	-	持久性, 生物积累 性和毒性	0.020	N.A.	N.D.	0.1

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第十四批 5 种 SVHC (2015 年 12 月公布)

序号	测试项目	CAS No.	分类	报告限 %(w/w)	结果 %(w/w)		限值 %(w/w)
					No.1	No.2	
164	1,3-丙烷磺内酯	1120-71-4	致癌性(条款57a)	0.020	N.A.	N.D.	0.1
165	2,4-二-叔丁基-6-(5-氯-2H-苯并三唑-2-基)苯酚 (UV-327)	3864-99-1	强持久性、强生物累积性(条款57e)	0.020	N.A.	N.D.	0.1
166	2-(2'-羟基-3'-异丁基-5'-叔丁基苯基)苯并三唑 (UV-350)	36437-37-3	强持久性、强生物累积性(条款57e)	0.020	N.A.	N.D.	0.1
167	硝基苯	98-95-3	生殖毒性	0.020	N.A.	N.D.	0.1
168	全氟壬酸及盐(2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-十七氟壬酸和其钠和铵盐)	375-95-1 21049-39-8 4149-60-4	生殖毒性(条款57c); 持久性、生物累积性和毒性(条款57d)	0.020	N.A.	N.D.	0.1

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### 第十五批 1 种 SVHC (2016 年 06 月公布)

序号	测试项目	CAS No.	分类	报告限 %(w/w)	结果 %(w/w)		限值 %(w/w)
					No.1	No.2	
169	苯并[def]屈 苯并(a)芘(BaP)	50-32-8	致癌毒性(条款 57a) 诱变毒性(条款 57b) 生殖毒性(条款 57c) PBT 持久性, 生物累积性 和毒性的物质(条款 57d) vPvB高持久性, 高生物累 积性的物质(条款57e)	0.020	N.A.	N.D.	0.1

### 第十六批 4 种 SVHC (2017 年 01 月公布)

序号	测试项目	CAS No.	分类	报告限 %(w/w)	结果 %(w/w)		限值 %(w/w)
					No.1	No.2	
170	4,4'-异亚丙基双酚(BPA)	80-05-7	内分泌干扰性(Article 57 f - 人类健康) 生殖毒性(Article 57 c)	0.020	N.A.	N.D.	0.1
171	4-庚基苯酚, 直链和支链 [苯酚的4号位被碳原子数 为7的烷基取代的产物, 包 括UVCB-、所有单一同分 异构体及其组合] (4-HPbl)	--	对环境有严重影响而引起 同等水平的关注(Article 57 f)	0.020	N.A.	N.D.	0.1
172	对叔戊基苯酚	80-46-6	对环境有严重影响而引起 同等水平的关注(Article 57 f)	0.020	N.A.	N.D.	0.1
173	全氟癸酸(PFDA)及其钠盐 和铵盐	3108-42-7 335-76-2 3830-45-3	生殖毒性(Article 57 c) PBT(Article 57 d)	0.020	N.A.	N.D.	0.1

### 第十七批 1 种 SVHC (2017 年 06 月公布)

序号	测试项目	CAS No.	分类	报告限 %(w/w)	结果 %(w/w)	限值 %(w/w)
174	全氟辛烷-1 -磺酸及其盐类(PFHxS)	355-46-4	强持久性、强生物累积性(条 款 57e)	0.020	N.D.	0.1

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### 备注:

1. mg/kg =毫克每千克=ppm= $10^{-6}$
2. N.D. =未检出 (<报告限) N.A. = 不适用
3. RL = 报告限
4. \*\*依据 ECHA “物品中的物质要求指南”-2011 年第二版第 5.2.1 条规定, 所采用的测试方法只能得到样品中含有的元素而不是物质, 当需要时则对样品中的物质的甄选和鉴别进行进一步测试。
5. 报告结果: 依据 ECHA “物品中的物质要求指南”-2011 年第二版第 5.2 条: 基于大多数情况下测试方法鉴别的是样品中的化学组成, 而不一定是产品生产过程中原始添加的物质, 以及专业咨询, 产品资料信息, 测试过程, 材料特性, SVHC 特性和化学分析等手段评估而得到。
6. 报告限: 根据不确定度和 0.1%的报告门槛以及 ECHA “物品中的物质要求指南”规定而得到。
7. 附录 A 是根据欧盟 67/548/EEC 指令和第 1907/2006 (EC) 号法规, 关于物质分类的定义。
8. 根据欧盟第 1907/2006 (EC) 号法规, 如果物质根据第 59 条第一款被确定, 且满足以下两个条件, 物品的任何制造商或进口商应向欧盟化学品管理署进行通报:
  - 物质在物品中的总含量超过 1 吨/年/生产商或进口商。
  - 物质在物品中的总含量以质量分数计超过 0.1%的浓度。
9. 欧盟第 1907/2006 (EC) 号法规第 33 条规定, 含有满足第 57 条中的标准并根据第 59 条第一款被确定且质量分数大于 0.1%的物质的物品的所有供应商应向物品接受者提供其可获取的充足信息, 以使物品使用安全, 这些信息至少包括物质的名称。

声明: 报告 C170724029001 作废, 由报告 C170724029001A 所取代。

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### 附录 A

分类	67/548/EEC 指令和第 1907/2006/EC 法规中的定义
第一类致癌物	已经为人类熟知对人有致癌作用。有充分证据可以建立癌症的发展和人与该类物质接触之间的因果联系。
第二类致癌物	物质如果对人具有致癌作用,则被认为是该类物质。有足够的证据可以充分假定人与该类物质直接接触可以致癌。  基于: <ul style="list-style-type: none"><li>- 适当长期的动物实验</li><li>- 其它相关信息。</li></ul>
第一类诱导有机体突变的物质	已经为人类熟知可以致基因突变的物质。有充分证据可以建立长期基因损害和人与该类物质接触之间的因果联系。
第二类诱导有机体突变的物质	物质如果对人具有致基因突变作用,则被认为是该类物质。有足够的证据可以充分假定人与该类物质直接接触可以致基因损害。  基于: <ul style="list-style-type: none"><li>- 适当长期的动物实验</li><li>- 其它相关信息。</li></ul>
第一类生殖毒性物质	已经为人类所熟知可以降低人的生殖能力。有充分证据可以建立人生殖能力降低和人与该类物质接触之间的因果联系。  已经为人类熟知对人体有毒。有充分证据可以建立人体暴露于物质与不断发展的毒副作用之间的联系。
持续性,生物累积性及毒性物质;非常持久,高度生度累积性物质	持久性,生物累积性及毒性和非常持久,高度生物累积性物质将会给化学品安全管理带来很大的挑战。对这些物质来说,没法建立充分可靠的对环境安全的浓度。

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第二类生殖毒性物质	<p>物质如果有减弱人的生殖能力的作用, 则被认为是该类物质。有足够的证据可以充分假定人与该类物质直接接触可以减弱人的生殖能力, 基于:</p> <ul style="list-style-type: none"><li>- 动物实验研究明确的证明在没有毒性时可以降低生殖能力, 或者在相同给药水平时, 与其它毒性同时表现出, 但是不是其它毒性的二级非特定结果;</li><li>- 其它相关信息</li></ul> <p>如果物质对人类有长期的毒性, 则被认为是该类物质。有足够的证据可以充分假定人暴露与该类物质会引起长期毒性。一般基于:</p> <ul style="list-style-type: none"><li>- 适当的动物实验研究表明具有生殖毒性, 或者在相同给药水平时, 不是其它毒性的二级非具体毒性结果</li><li>- 其它相关信息</li></ul>
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