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WTH25H06161040C

检测报告
TEST REPORT

报告编号/ Report No.	:	WTH25H06161040C
委托方/ Applicant	:	苏州沃虎电子科技有限公司 Suzhou VOOHU Electronic Technology Co., Ltd.
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样品名称/ Sample Name	:	通信电子元器件
样品型号/ Sample Model	:	WHS16116G、WHS160B1PTG、WHSG24701G、WHSG48001G、WHSG24301TG、WHSG24002TG、WHSM24002G、SYT-138ENL、WH81-111-Y0002-1、WH81-151-Y0003-1
样品材质/ Sample Material	:	金属和非金属
检测要求/ Test Requested	:	参见报告下页/ Refer to next page (s)
检测结论/ Test Conclusion	:	参见报告下页/ Refer to next page (s)
样品接收日期/ Date of Receipt sample	:	2025-06-19
检测周期/ Testing period	:	2025-06-19 ~ 2025-06-26
报告日期/ Date of Issue	:	2025-06-27
检测结果/ Test Result	:	参见报告下页/ Refer to next page (s)

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Signed for and on behalf of
Waltek Testing Group HCT (Shenzhen) Co., Ltd.

深圳市沃特虹彩检测技术有限公司 检验检测专用章 Inspection & Testing Services (3)

王刚/Worf Wang

检测要求/ Test Requested	检测结论/ Test Conclusion
1. 参照法规(EC) No 1907/2006 (REACH)，筛选 250 项高关注物质(SVHC)，物质清单为欧盟化学品管理局(ECHA)公布的清单。/ Screen 250 substances of very high concern (SVHC) in the sample with reference to EU Regulation (EC) No 1907/2006 (REACH), The list of substances is published by European Chemicals Administration (ECHA).	合格/ PASS
2. 筛选 1 项评议高关注物质(SVHC)，物质清单为欧盟化学品管理局(ECHA)公布的清单。/ Screen 1 Proposed substances of very high concern (SVHC) in the sample. The list is the one that is published by European Chemicals Administration (ECHA).	合格/ PASS
3. 筛选 4 项潜在意向高关注物质(SVHC)，物质清单为欧盟化学品管理局(ECHA)公布的清单。/ Screen 4 Potential intentional substances of very high concern (SVHC) in the sample, the substance list is published by the European Chemical Administration (ECHA).	合格/ PASS
4. 参照 G/TBT/N/EU/803，筛选样品中的间苯二酚的含量。/ Screen the Resorcinol content in the sample with reference to G/TBT/N/EU/803.	合格/ PASS

备注/ Remark: 合格的意思是所有检测的 250 项 SVHC,1 项评议 SVHC,4 项潜在意向 SVHC 及间苯二酚结果均小于 0.1%。/ Pass means each result of all tested 250 SVHC, 1 项评议 SVHC and 4 项潜在意向 SVHC 及间苯二酚 is less than 0.1%.

检测结果/ Test Result(s)：

检测方法/仪器/ Test Method/Equipment：HCT/SZ-SOP-WJ-PI034, HCT/SZ-SOP-YJ-PI053; ICP-OES/GC-MS (HS)/HPLC-DAD-MS/ IC/AAS/UV-VIS

检测项目 Test Item(s)	RL （%）	结果 Result(s)(%)
		(1-1+1-2+1-3+1-4+8-1+8-2+8-3+8-4+8-5+8-6+9+10-1+10-2)##▽
250 项 SVHC 250 SVHC	0.0100	ND
1 项评议 SVHC 1 Proposed SVHC	0.0100	ND
4 项潜在意向 SVHC 4 Potential intentional SVHC	0.0100	ND
间苯二酚 Resorcinol	0.0100	ND

备注/ Note：

0.1%=1000mg/kg

%=百分比 / %=percentage
ND=未检出/ ND=Not Detected
MDL=Method Detection Limit
RL=报告检出限(当结果≥RL 时显示数据。RL 不同于法规限值。)/ RL=Reporting Limit (Result will be shown if it ≥ RL. RL is not regulatory limit.)
▽=SVHC 物质清单中硼化合物的结果由水提取的硼元素的检测结果换算得出。/ ▽=The results of boron compounds in SVHC candidate list were converted from the test result of water extraction content of Boron.
##= 根据客户要求进行等比混合检测，检测结果基于样品总质量计算。本报告中显示的结果可能与任何均质材料的含量不同。/ ##= As specified by client,the samples were equal mass proportional mixed to test, and the test results are calculated based on the total sample quality.The result(s) shown on this report may be different from the content of any homogeneous material.
对于样品 8-4~8-5：样品于 2025-6-23 接收。
For specimen(s) 8-4~8-5: The specimen(s) was(were) received on 2025-6-23.
SVHC 中的物质清单见后续页。/ Substances in candidate list of SVHC please refer to following page(s).

备注/ Remarks：

1. SVHC 的结果值是基于最坏的情况鉴定，建议做进一步的调查确定样品中是否含有相关物质。/ As the Result of above SVHC that identified is based on the worst case scenario. Further investigation is required for confirmation of the presence of the substance in the sample.
2. SVHC 的报告限是针对其代表性物质之评估。/ The SVHC reporting limit is evaluated based on the representative substances.

样品描述/ Sample Description：

序号 No.	HCT 样品 ID HCT Sample ID	检测点描述 Test Part Description			备注 Note
1-1	WTH25H06161040C.1	1-1	白印黑色塑胶壳	White printed black plastic shell	●
1-2		1-2	黑色磁芯	Black magnetic core	●
1-3		1-3	彩色漆包线连透明干胶	Colored enameled wire with transparent dry adhesive	●
1-4		1-4	银色金属引脚	Silver metal pin	●
2-1	WTH25H06161040C.2	2-1	白印黑色塑胶壳	White printed black plastic shell	同/ Same 1-1
2-2		2-2	黑色磁芯	Black magnetic core	同/ Same 1-2
2-3		2-3	彩色漆包线连透明干胶	Colored enameled wire with transparent dry adhesive	同/ Same 1-3

序号 No.	HCT 样品 ID HCT Sample ID	检测点描述 Test Part Description			备注 Note
2-4		2-4	银色金属引脚	Silver metal pin	同/ Same 1-4
3-1	WTH25H06161040C.3	3-1	白印黑色塑胶壳	White printed black plastic shell	同/ Same 1-1
3-2		3-2	黑色磁芯	Black magnetic core	同/ Same 1-2
3-3		3-3	彩色漆包线连透明干胶	Multi-color enameled wire with transparent dry glue	同/ Same 1-3
3-4		3-4	银色金属引脚	Silver metal pin	同/ Same 1-4
4-1	WTH25H06161040C.4	4-1	白印黑色塑胶壳	White printed black plastic shell	同/ Same 1-1
4-2		4-2	黑色磁芯	Black magnetic core	同/ Same 1-2
4-3		4-3	彩色漆包线连透明干胶	Multi-color enameled wire with transparent dry glue	同/ Same 1-3
4-4		4-4	银色金属引脚	Silver metal pin	同/ Same 1-4
5-1	WTH25H06161040C.5	5-1	白印黑色塑胶盖	White printed black plastic cover	同/ Same 1-1
5-2		5-2	黑色塑胶壳	Black plastic shell	同/ Same 1-1
5-3		5-3	黑色磁芯	Black magnetic core	同/ Same 1-2
5-4		5-4	彩色漆包线连透明干胶	Multi-color enameled wire with transparent dry glue	同/ Same 1-3
5-5		5-5	银色金属引脚	Silver metal pin	同/ Same 1-4
6-1	WTH25H06161040C.6	6-1	白印黑色塑胶壳	White printed black plastic shell	同/ Same 1-1
6-2		6-2	黑色磁芯	Black magnetic core	同/ Same 1-2
6-3		6-3	彩色漆包线连透明干胶	Multi-color enameled wire with transparent dry glue	同/ Same 1-3
6-4		6-4	银色金属引脚	Silver metal pin	同/ Same 1-4
7-1	WTH25H06161040C.7	7-1	白印黑色塑胶壳	White printed black plastic shell	同/ Same 1-1
7-2		7-2	黑色磁芯	Black magnetic core	同/ Same 1-2
7-3		7-3	彩色漆包线连透明干胶	Multi-color enameled wire with transparent dry glue	同/ Same 1-3
7-4		7-4	银色金属引脚	Silver metal pin	同/ Same 1-4

序号 No.	HCT 样品 ID HCT Sample ID	检测点描述 Test Part Description			备注 Note
8-1	WTH25H06161040C.8	8-1	银色金属壳	Silver metal shell	●
8-2		8-2	黑色塑胶骨架	Black plastic frame	●
8-3		8-3	金色，银色金属插针	Golden, Silver metal pin	●
8-4		8-4	半透明绿色 LED 灯	Translucent green LED light	●
8-5		8-5	半透明黄色 LED 灯	Translucent yellow LED light	●
8-6		8-6	银色金属引脚	Silver metal pin	●
9	WTH25H06161040C.9	9	银色金属	Silver metal	●
10-1	WTH25H06161040C.10	10-1	黑色塑胶骨架	Black plastic frame	●
10-2		10-2	金色金属插针	Golden metal pins	●

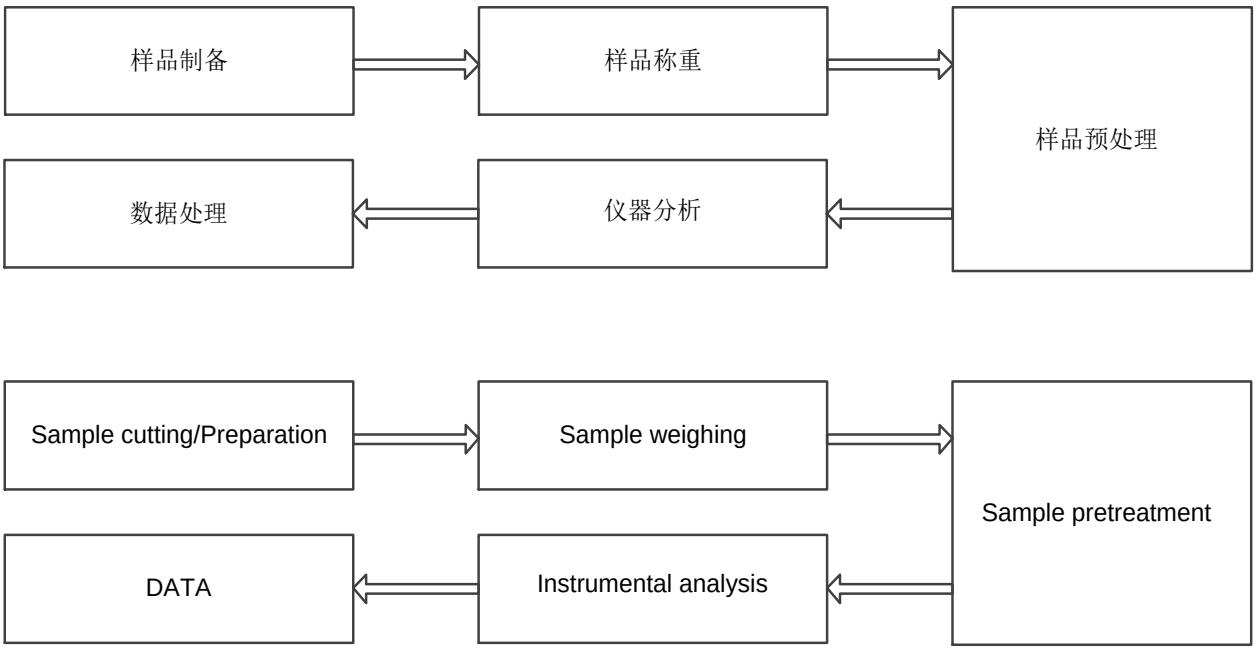
备注/ Note:

●=实际检测样品/●=Actual tested sample

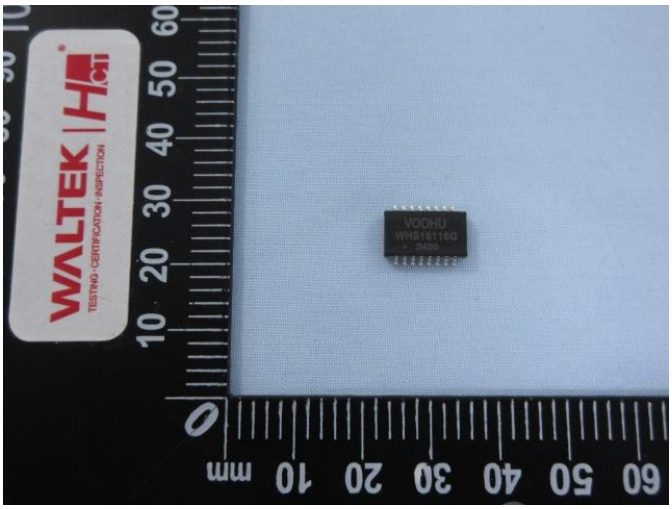
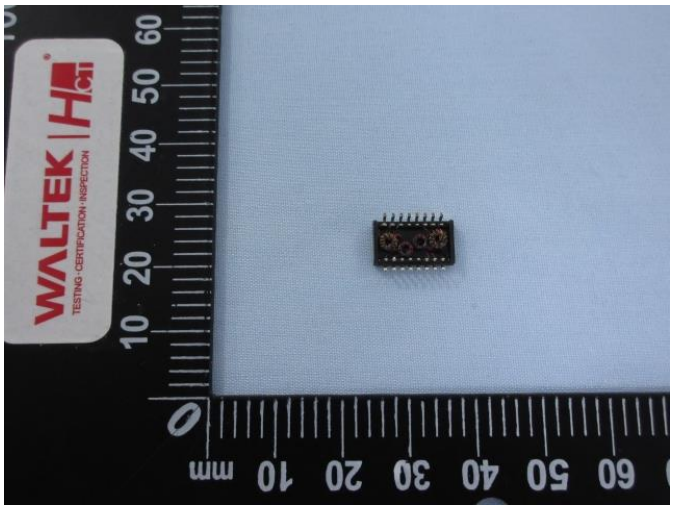
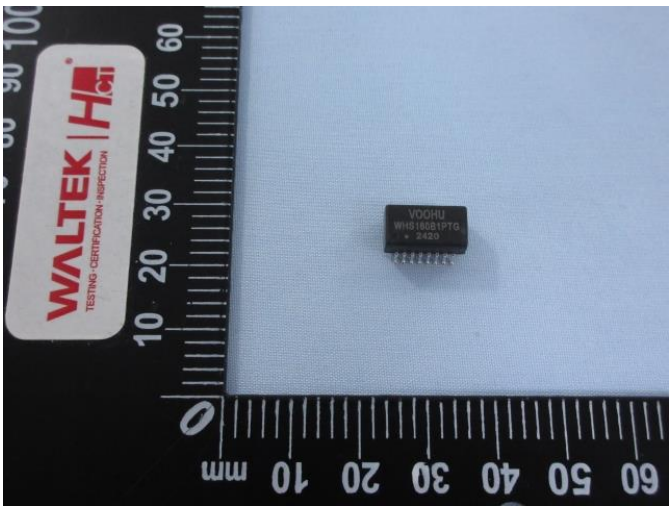
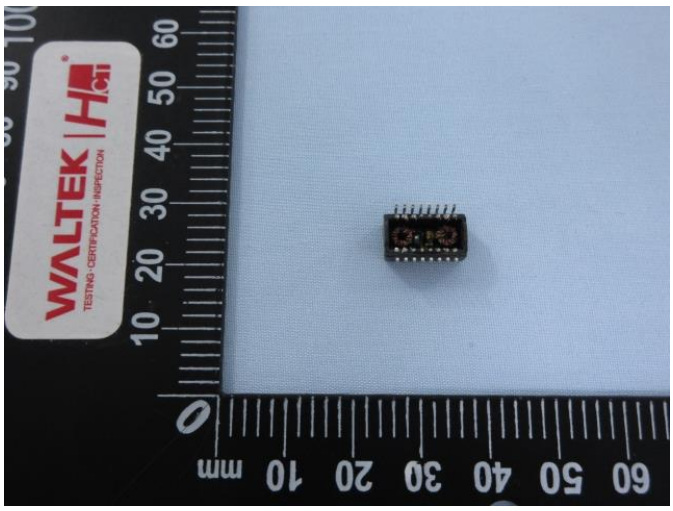
"同"=表示该样品与实际检测样品为同材质,未测试。/ "Same" = It means that the sample and the actual tested sample are of the same material and have not been tested.

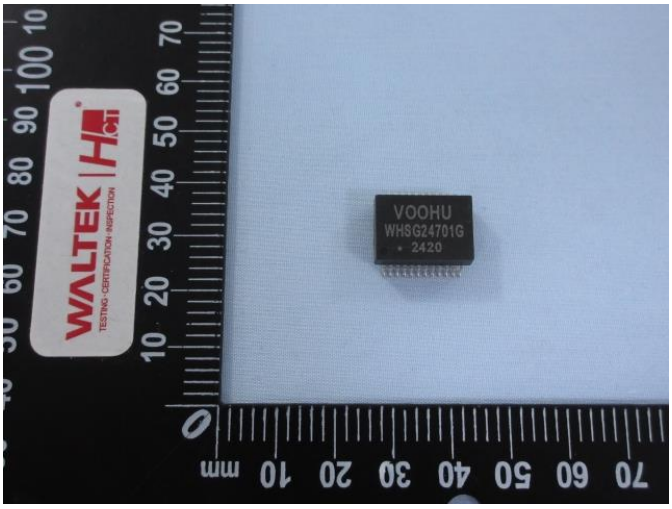
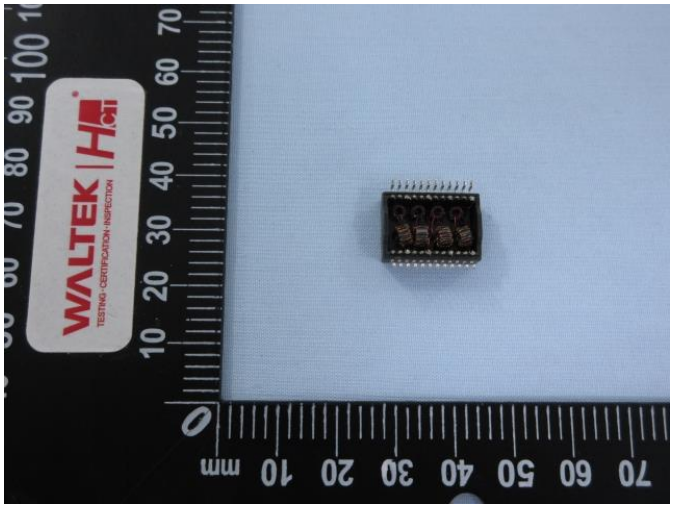
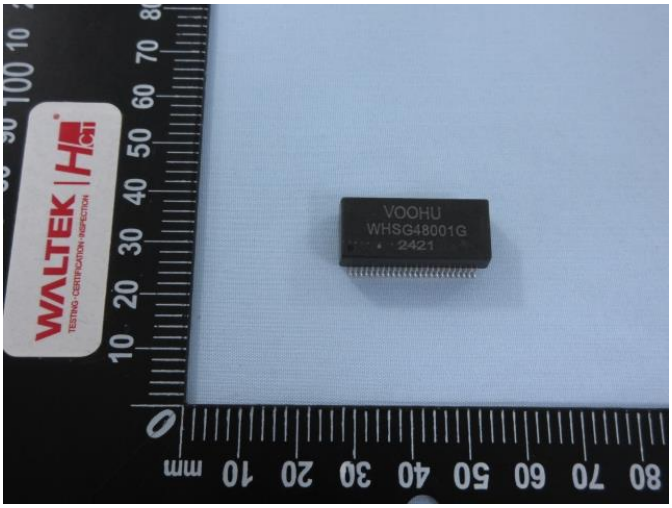
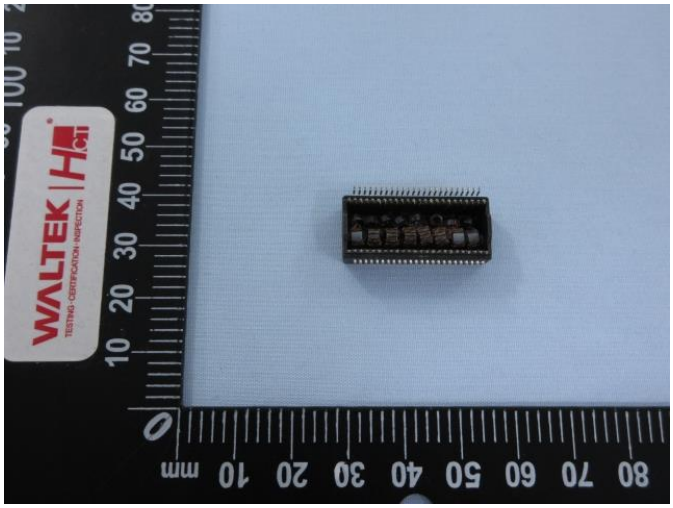
根据客户提供的申明,材质相同的样品(部位)清单见上表格。/ According to the client's declarations, see the above table for the list of samples (parts) of the same material.

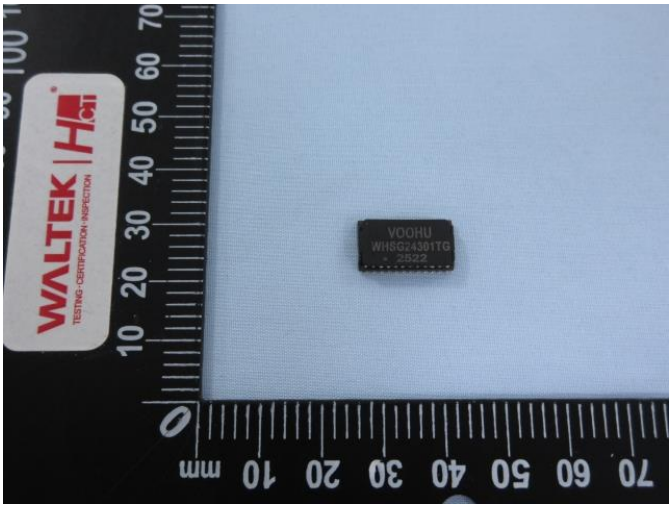
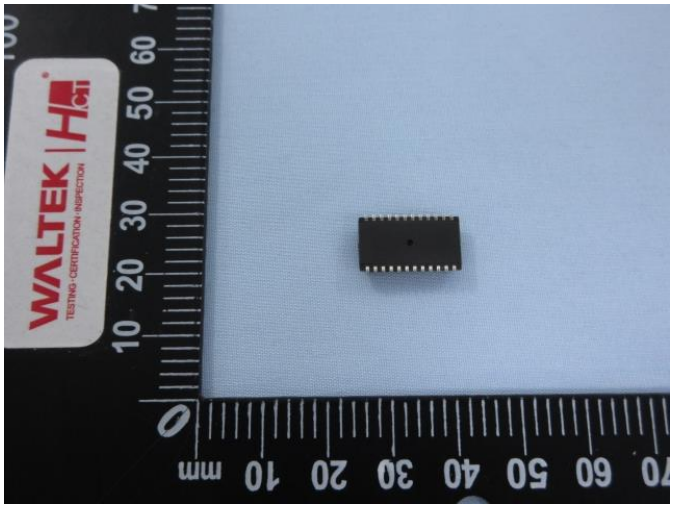
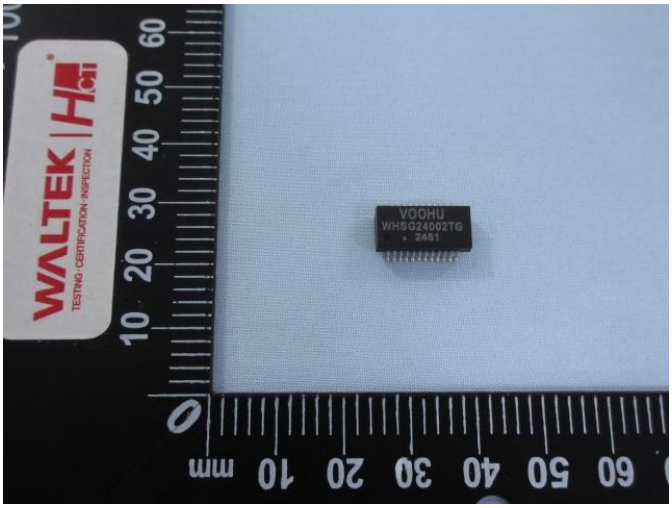
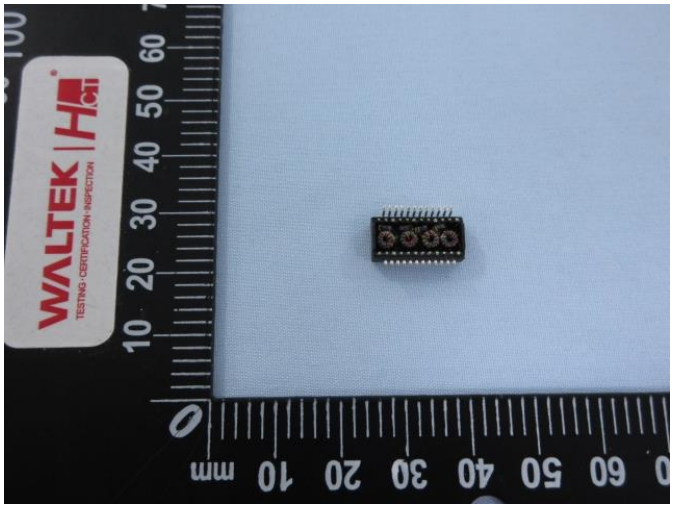
检测流程图/ Test Flow Chart：

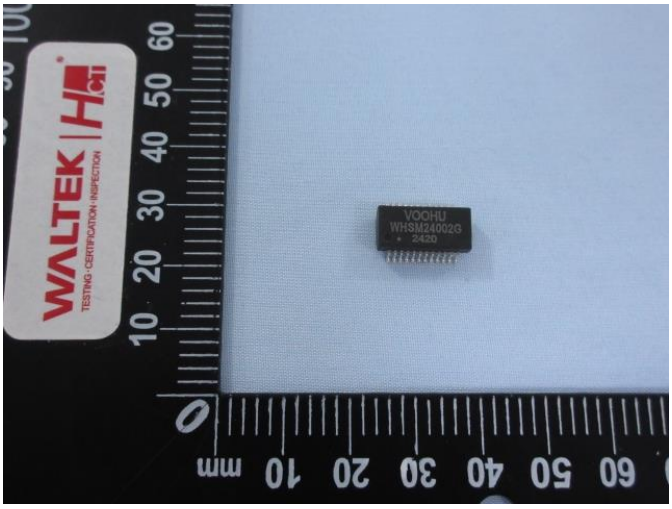
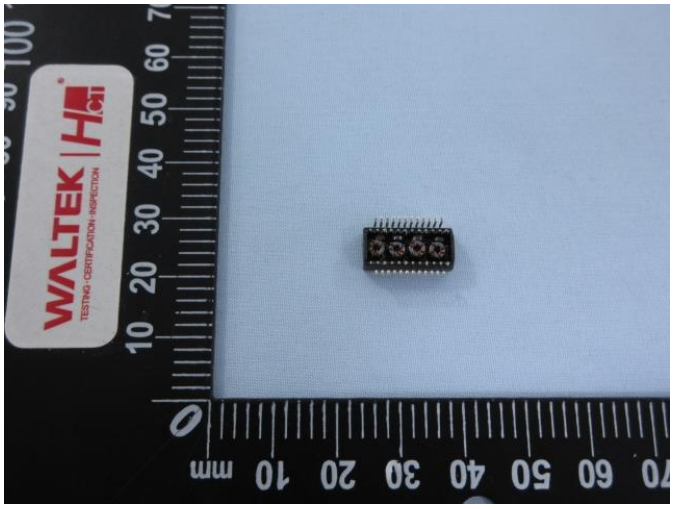
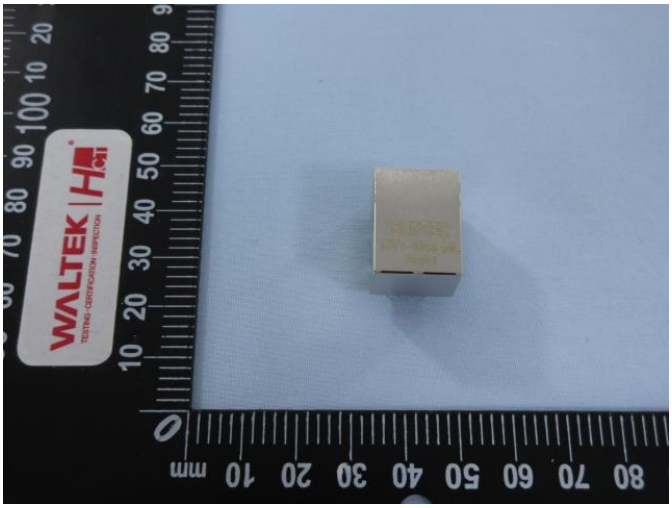
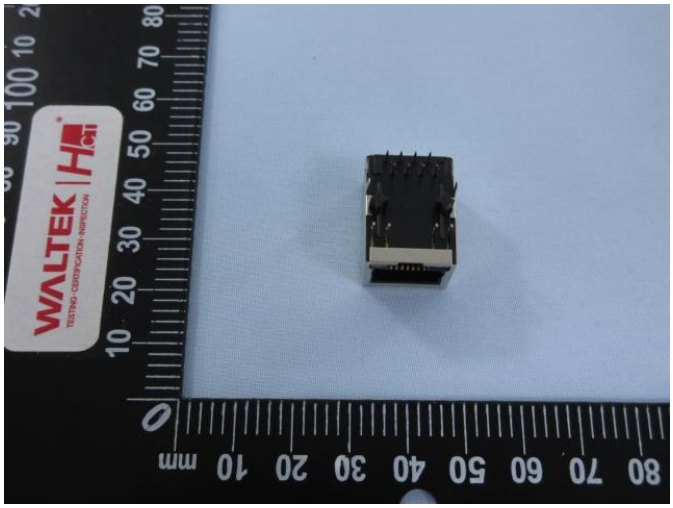


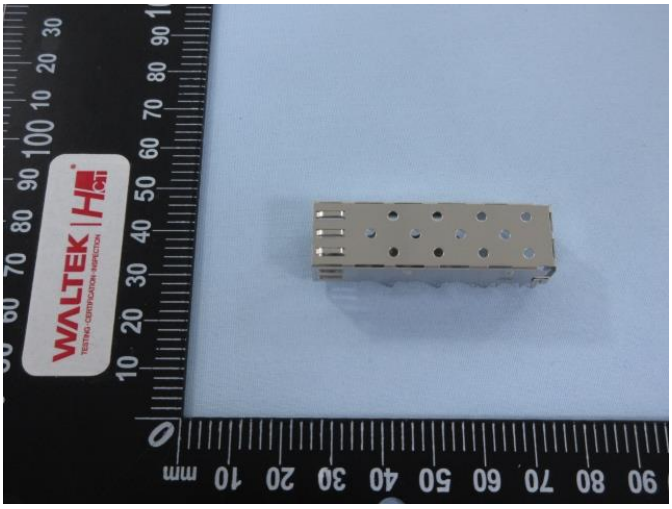
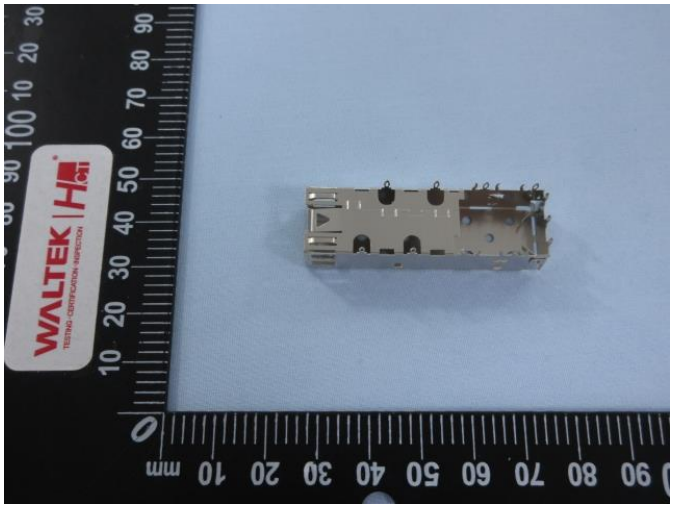
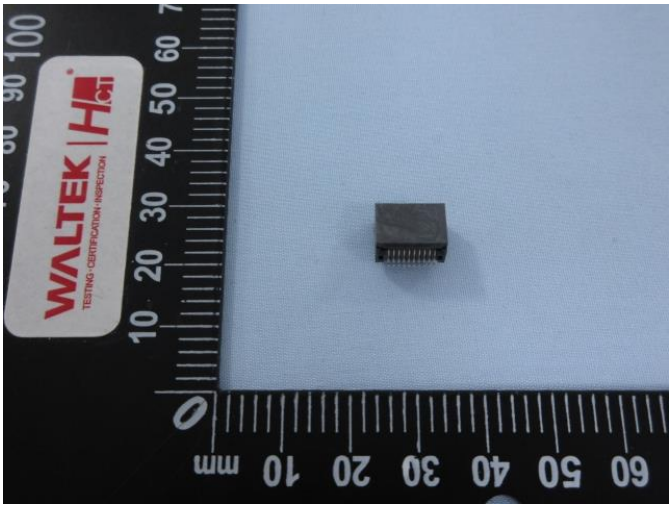
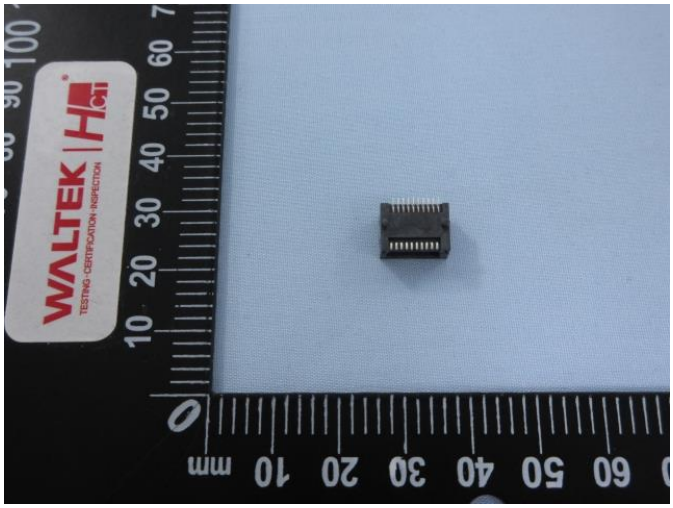
样 品 附 图/ The photo of the sample

	
WTH25H06161040C.1	WTH25H06161040C.1
	
WTH25H06161040C.2	WTH25H06161040C.2

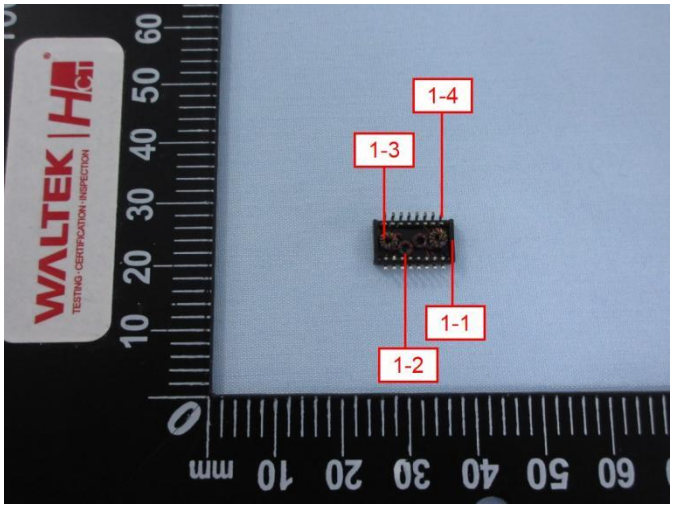
	
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WTH25H06161040C.4	WTH25H06161040C.4

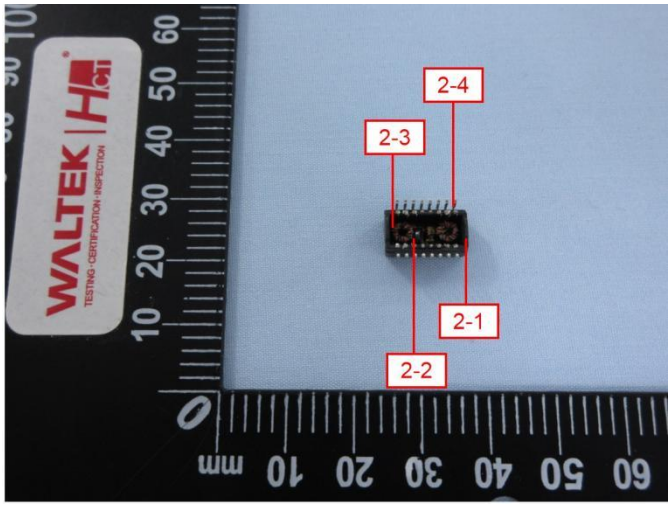
	
WTH25H06161040C.5	WTH25H06161040C.5
	
WTH25H06161040C.6	WTH25H06161040C.6

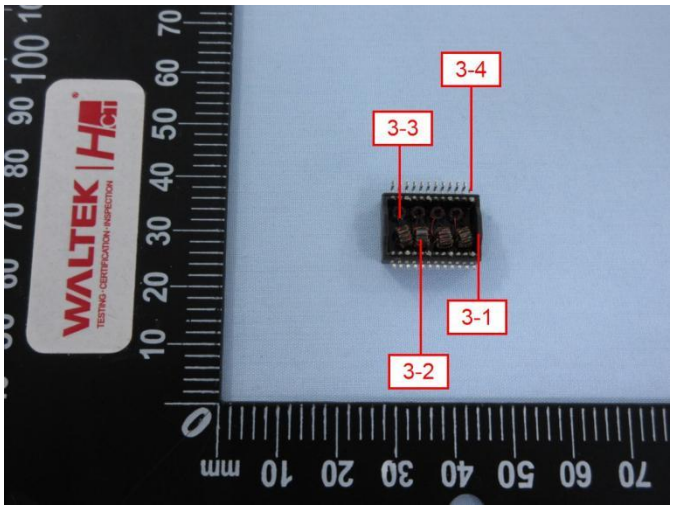
	
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WTH25H06161040C.8	WTH25H06161040C.8

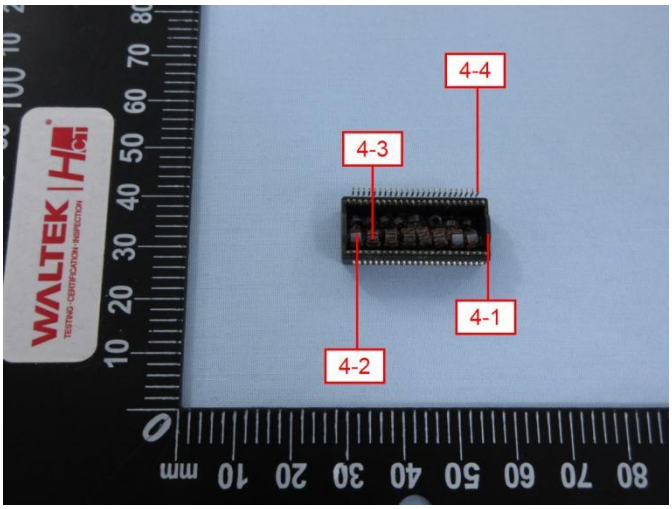
	
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WTH25H06161040C.10	WTH25H06161040C.10

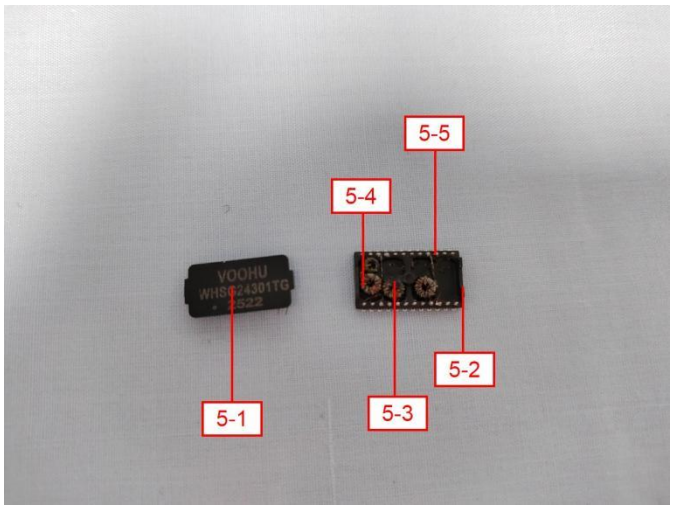
拆 分 附 图/ The photo of Disassembly

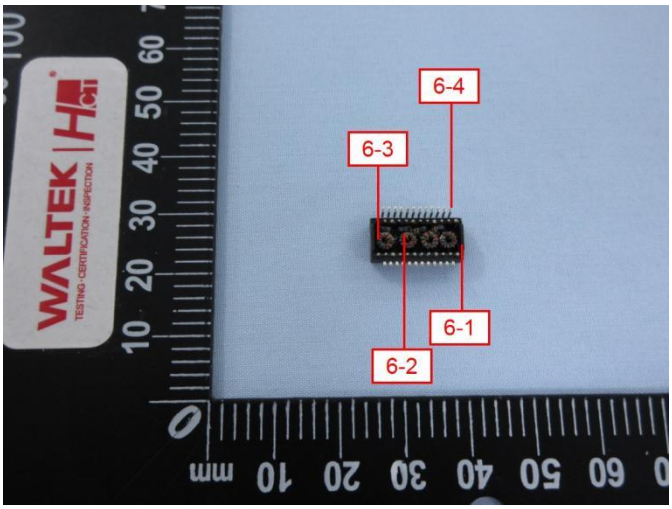


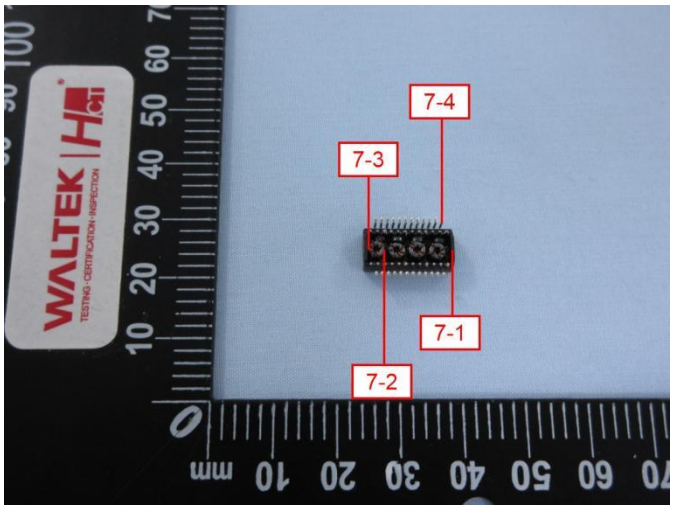


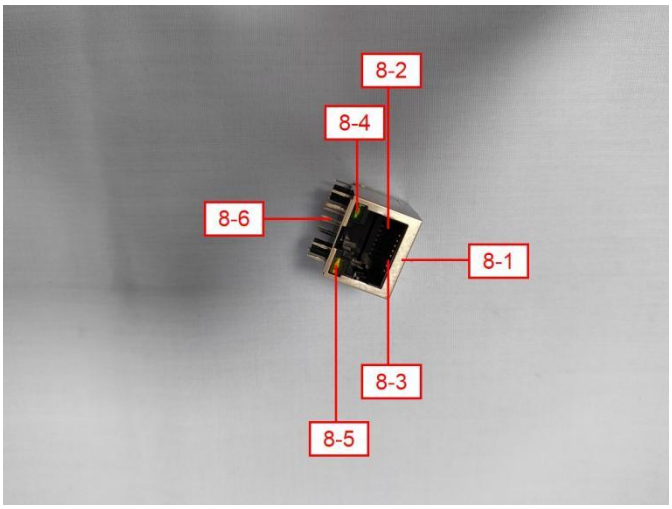


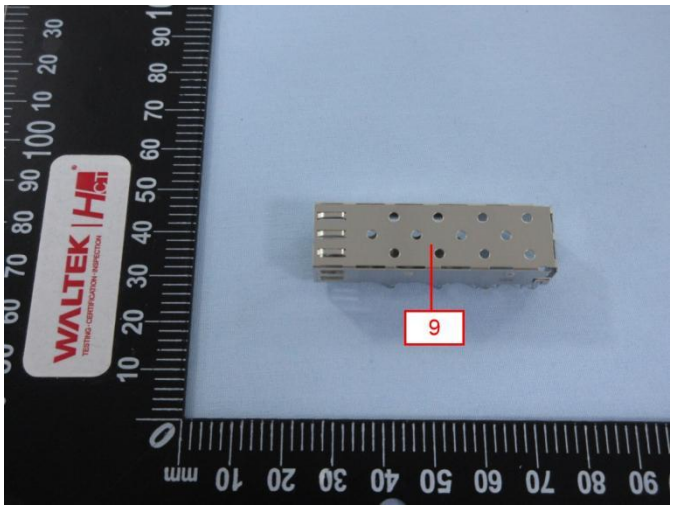


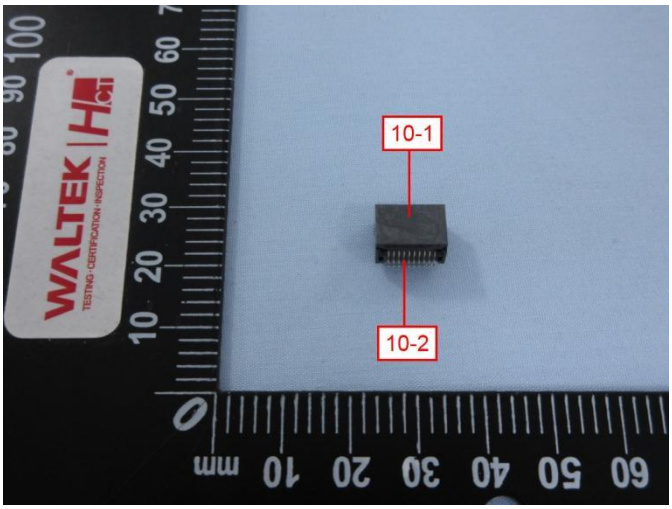

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所有检测的 SVHC 清单(Full list of tested SVHC):

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	RL (%)
第一批 15 项 SVHC（2008 年 10 月公布）(The first 15 SVHC(Announced in October, 2008))				
1	蒽 Anthracene	120-12-7	204-371-1	0.0100
2	4，4'-二氨基二苯甲烷 4,4'- Diaminodiphenylmethane (MDA)	101-77-9	202-974-4	0.0100
3	邻苯二甲酸二丁酯 Dibutyl phthalate (DBP)	84-74-2	201-557-4	0.0100
4	邻苯二甲酸二（2-乙基己基）酯 Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	204-211-0	0.0100
5	邻苯二甲酸丁苄酯 Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	0.0100
6	三丁基氧化锡 Bis(tributyltin) oxide (TBTO)	56-35-9	200-268-0	0.0100
7	2,4,6-三硝基-3,3-二甲基-5-叔丁基苯（二甲苯麝香）5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	81-15-2	201-329-4	0.0100
8	六溴环十二烷 Hexabromocyclododecane (HBCDD) (and all major diastereoisomers identified)	25637-99-4, 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	247-148-4/ 221-695-9	0.0100
9	短链氯化石蜡 (SCCPs) Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCPs)	85535-84-8	287-476-5	0.0100
10♣	砷酸氢铅* Lead hydrogen arsenate*	7784-40-9	232-064-2	0.0100
11♣	三乙基砷酸酯* Triethyl arsenate*	15606-95-8	427-700-2	0.0100
12♣	五氧化二砷* Diarsenic pentaoxide*	1303-28-2	215-116-9	0.0100
13♣	三氧化二砷* Diarsenic trioxide*	1327-53-3	215-481-4	0.0100
14♣	二氯化钴* Cobalt dichloride*	7646-79-9	231-589-4	0.0100
15♣	重铬酸钠*Sodium dichromate*	7789-12-0, 10588-01-9	234-190-3	0.0100
第二批 13 项 SVHC (2010 年 1 月和 3 月公布) (The second 13 SVHC(Announced in January and March, 2010))				
16	①蒽油①Anthracene oil	90640-80-5	292-602-7	0.0100
17	①蒽油，蒽糊，轻油**** ①Anthracene oil, anthracene paste, distn. lights****	91995-17-4	295-278-5	0.0100
18	①蒽油，蒽糊，蒽馏分 ①Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.0100
19	①蒽油，含蒽量少 ①Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.0100
20	①蒽油，蒽糊 ①Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.0100

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	RL (%)
21	邻苯二甲酸二异丁酯 Diisobutyl phthalate	84-69-5	201-553-2	0.0100
22	2,4-二硝基甲苯 2,4-dinitrotoluene	121-14-2	204-450-0	0.0100
23♣	②铬酸铅 ②Lead chromate	7758-97-6	231-846-0	0.0100
24♣	②钼铬红（C.I.颜料红 104）*** ②Lead chromate molybdate sulphate red (C.I. Pigment Red 104) ***	12656-85-8	235-759-9	0.0100
25♣	②铅铬黄（C.I.颜料黄 34）*** ②Lead sulfochromate yellow (C.I. Pigment Yellow 34)***	1344-37-2	215-693-7	0.0100
26	①煤焦油沥青，高温 ①Pitch, coal tar, high-temp.	65996-93-2	266-028-2	0.0100
27	磷酸三（2-氯乙基）酯 Tris(2-chloroethyl) phosphate	115-96-8	204-118-5	0.0100
28	丙烯酰胺 Acrylamide	79-06-1	201-173-7	0.0100
第三批 8 项 SVHC（2010 年 6 月公布）(The third 8 SVHC(Announced in June, 2010))				
29	三氯乙烯 Trichloroethylene	79-01-6	201-167-4	0.0100
30♣	硼酸* Boric acid* (EC No. 233-139-2 and EC No. 234-343-4)*	10043-35-3/ 11113-50-1	233-139-2 234-343-4	0.0100
31♣	无水四硼酸钠* Disodium tetraborate, anhydrous*	1330-43-4 12179-04-3 1303-96-4	215-540-4	0.0100
32♣	水合硼酸钠* Tetraboron disodium heptaoxide, hydrate*	12267-73-1	235-541-3	0.0100
33♣	铬酸钠* Sodium chromate*	7775-11-3	231-889-5	0.0100
34♣	铬酸钾* Potassium chromate*	7789-00-6	232-140-5	0.0100
35♣	重铬酸铵* Ammonium dichromate*	7789-09-5	232-143-1	0.0100
36♣	重铬酸钾* Potassium dichromate*	7778-50-9	231-906-6	0.0100
第四批 8 项 SVHC (2010 年 12 月公布) (The fourth 8 SVHC(Announced in December,2010))				
37♣	三氧化铬* Chromium trioxide*	1333-82-0	215-607-8	0.0100
38	2-甲氧基乙醇 2-methoxyethanol	109-86-4	203-713-7	0.0100
39	2-乙氧基乙醇 2-ethoxyethanol	110-80-5	203-804-1	0.0100
40♣	醋酸钴* Cobalt(II) diacetate*	71-48-7	200-755-8	0.0100
41♣	碳酸钴* Cobalt(II) carbonate*	513-79-1	208-169-4	0.0100
42♣	硝酸钴* Cobalt(II) dinitrate*	10141-05-6	233-402-1	0.0100
43♣	硫酸钴* Cobalt(II) sulphate*	10124-43-3	233-334-2	0.0100

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	RL (%)
44♣	三氧化铬及其低聚物产生的酸: * 铬酸 重铬酸 铬酸及重铬酸的低聚物 Acids generated from chromium trioxide* and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2	231-801-5 236-881-5	0.0100
第五批 7 项 SVHC (2011 年 6 月公布) (The fifth 7 SVHC(Announced in June, 2011))				
45	乙二醇乙醚乙酸酯 2-ethoxyethyl acetate	111-15-9	203-839-2	0.0100
46♣	铬酸锶*Strontium chromate*	7789-06-2	232-142-6	0.0100
47	①邻苯二甲酸二(C7-11 支链与直链)烷基酯 (DHNUP) ①1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	0.0100
48	肼 Hydrazine	7803-57-8 302-01-2	206-114-9	0.0100
49	1-甲基-2-吡咯烷酮 1-Methyl-2-pyrrolidone (NMP)	872-50-4	212-828-1	0.0100
50	1,2,3-三氯丙烷 1,2,3-trichloropropane	96-18-4	202-486-1	0.0100
51	①邻苯二甲酸二 (C6-8 支链与直链)烷基酯，富 C7 链 (DIHP) ①1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1	0.0100
第六批 20 项 SVHC (2011 年 12 月公布) (The sixth 20 SVHC(Announced in December, 2011))				
52♣	②硅酸铝耐火陶瓷纤维 ②Aluminosilicate Refractory Ceramic Fibres	—	650-017-00-8**	0.0100
53♣	②氧化锆硅酸铝耐火陶瓷纤维 ②Zirconia Aluminosilicate Refractory Ceramic Fibres	—	650-017-00-8**	0.0100
54♣	铬酸铬* Dichromium tris(chromate)*	24613-89-6	246-356-2	0.0100
55♣	氢氧化铬酸锌钾* Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9	234-329-8	0.0100
56♣	锌黄(C.I.颜料黄 36)*** Pentazinc chromate octahydroxide***	49663-84-5	256-418-0	0.0100
57	甲醛苯胺共聚物 Formaldehyde, oligomeric reaction products with aniline	25214-70-4	500-036-1	0.0100
58	邻苯二甲酸二甲氧乙酯 Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	0.0100
59	邻氨基苯甲醚 2-Methoxyaniline, o-Anisidine	90-04-0	201-963-1	0.0100

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	RL (%)
60	对特辛基苯酚 4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	205-426-2	0.0100
61	1,2-二氯乙烷 1,2-dichloroethane	107-06-2	203-458-1	0.0100
62	二乙二醇二甲醚 Bis(2-methoxyethyl) ether	111-96-6	203-924-4	0.0100
63♣	砷酸*Arsenic acid*	7778-39-4	231-901-9	0.0100
64♣	砷酸钙*Calcium arsenate*	7778-44-1	231-904-5	0.0100
65♣	砷酸铅*Trilead diarsenate*	3687-31-8	222-979-5	0.0100
66	N,N-二甲基乙酰胺 N,N-dimethylacetamide	127-19-5	204-826-4	0.0100
67	酚酞 Phenolphthalein	77-09-8	201-004-7	0.0100
68	4,4'-亚甲基双-2-氯苯胺 2,2'-dichloro-4,4'-methylenedianiline	101-14-4	202-918-9	0.0100
69♣	叠氮化铅*Lead diazide, Lead azide*	13424-46-9	236-542-1	0.0100
70♣	2,4,6-三硝基苯二酚铅*Lead styphnate*	15245-44-0	239-290-0	0.0100
71♣	苦味酸铅*Lead dipicrate*	6477-64-1	229-335-2	0.0100
第七批 13 项 SVHC（2012 年 6 月公布）(The seventh 13 SVHC(Announced in June, 2012))				
72	三甘醇二甲醚 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.0100
73	1, 2-二甲氧基乙烷 1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	0.0100
74♣	三氧化二硼*Diboron trioxide*	1303-86-2	215-125-8	0.0100
75	甲酰胺 Formamide	75-12-7	200-842-0	0.0100
76♣	甲磺酸铅(II)* Lead(II) bis(methanesulfonate)*	17570-76-2	401-750-5	0.0100
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	219-514-3	0.0100
78	替罗昔隆 β-TGIC 1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	59653-74-6	423-400-0	0.0100
79	4,4'-四甲基二氨二苯酮 4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	0.0100
80	4,4'-亚甲基双(N,N-二甲基苯胺) N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	0.0100
81	结晶紫 [4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) (with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2))	548-62-9	208-953-6	0.0100

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	RL (%)
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) (with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2))	2580-56-5	219-943-6	0.0100
83	溶剂蓝 4 α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) (with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2))	6786-83-0	229-851-8	0.0100
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 (with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2))	561-41-1	209-218-2	0.0100
第八批 54 项 SVHC（2012 年 12 月公布）(The eighth 54 SVHC(Announced in December, 2012))				
85	十溴二苯醚 Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	1163-19-5	214-604-9	0.0100
86	全氟十三酸 Pentacosafluorotridecanoic acid	72629-94-8	276-745-2	0.0100
87	全氟十二酸 Tricosafluorododecanoic acid	307-55-1	206-203-2	0.0100
88	全氟十一烷酸 Henicosafluoroundecanoic acid	2058-94-8	218-165-4	0.0100
89	全氟十四酸 Heptacosafluorotetradecanoic acid	376-06-7	206-803-4	0.0100
90	①对特辛基苯酚乙氧基醚 ①4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated (covering well-defined substances and UVCB substances, polymers and homologues)	—	—	0.0100
91	①4-壬基苯酚，支链和直链 ①4-Nonylphenol, branched and linear (substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof)	—	—	0.0100
92	偶氮二甲酰胺 Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3	204-650-8	0.0100

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	RL (%)
93	六氢邻苯二甲酸酐、反式六氢邻苯二甲酸酐、 顺式六氢邻苯二甲酸酐 Cyclohexane-1,2-dicarboxylic anhydride (all possible combinations of the cis- and trans-isomers)	85-42-7, 14166-21-3, 13149-00-3	201-604-9, 238-009-9, 236-086-3	0.0100
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 (including cis- and trans- stereo isomeric forms and all possible combinations of the isomers)	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	0.0100
95	甲氧基乙酸 Methoxyacetic acid	625-45-6	210-894-6	0.0100
96	支链和直链 1，2-苯二羧二戊酯 1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	84777-06-0	284-032-2	0.0100
97	邻苯二甲酸二异戊酯 Diisopentyl phthalate	605-50-5	210-088-4	0.0100
98	邻苯二甲酸正戊基异戊基酯 n-pentyl-isopentyl phthalate	776297-69-9	—	0.0100
99	乙二醇二乙醚 1,2-diethoxyethane	629-14-1	211-076-1	0.0100
100	N,N-二甲基甲酰胺 N,N-dimethylformamide	68-12-2	200-679-5	0.0100
101	二丁基二氯化锡 Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	0.0100
102♣	碱式乙酸铅*Acetic acid, lead salt, basic*	51404-69-4	257-175-3	0.0100
103♣	碱式碳酸铅*Trilead bis(carbonate) dihydroxide*	1319-46-6	215-290-6	0.0100
104♣	碱式硫酸铅*Lead oxide sulfate*	12036-76-9	234-853-7	0.0100
105♣	[1,2-苯二羧酸根合]二氧化三铅* [Phthalato(2-)]dioxotrilead*	69011-06-9	273-688-5	0.0100
106♣	双(十八酸基)二氧代三铅*Dioxobis(stearato)trilead*	12578-12-0	235-702-8	0.0100
107♣	C16-18-脂肪酸铅盐*Fatty acids, C16-18, lead salts*	91031-62-8	292-966-7	0.0100
108♣	四氟硼酸铅*Lead bis(tetrafluoroborate)*	13814-96-5	237-486-0	0.0100
109♣	氨基氰铅盐*Lead cyanamidate*	20837-86-9	244-073-9	0.0100
110♣	硝酸铅*Lead dinitrate*	10099-74-8	233-245-9	0.0100
111♣	氧化铅*Lead monoxide (lead oxide)*	1317-36-8	215-267-0	0.0100
112♣	四氧化三铅，铅丹*Orange lead (lead tetroxide)*	1314-41-6	215-235-6	0.0100
113♣	钛酸铅*Lead titanium trioxide*	12060-00-3	235-038-9	0.0100
114♣	钛酸铅锆*Lead titanium zirconium oxide*	12626-81-2	235-727-4	0.0100
115♣	②氧化铅与硫酸铅的复合物*Pentalead tetraoxide sulphate*	12065-90-6	235-067-7	0.0100
116♣	②颜料黄 41***Pyrochlore, antimony lead yellow***	8012-00-8	232-382-1	0.0100
117♣	②铅掺杂的硅钡酸盐* ②Silicic acid ($H_2Si_2O_5$), barium salt (1:1), lead-doped*	68784-75-8	272-271-5	0.0100

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	RL (%)
118♣	硅酸铅*Silicic acid, lead salt*	11120-22-2	234-363-3	0.0100
119♣	亚硫酸铅（II）*Sulfurous acid, lead salt, dibasic*	62229-08-7	263-467-1	0.0100
120♣	四乙基铅*Tetraethyllead*	78-00-2	201-075-4	0.0100
121♣	三碱式硫酸铅*Tetralead trioxide sulphate*	12202-17-4	235-380-9	0.0100
122♣	磷酸氧化铅*Trilead dioxide phosphonate*	12141-20-7	235-252-2	0.0100
123	呋喃 Furan	110-00-9	203-727-3	0.0100
124	环氧丙烷 Methyloxirane (Propylene oxide)	75-56-9	200-879-2	0.0100
125	硫酸二乙酯 Diethyl sulphate	64-67-5	200-589-6	0.0100
126	硫酸二甲酯 Dimethyl sulphate	77-78-1	201-058-1	0.0100
127	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 (ZOLDINE MS-PLUS)	143860-04-2	421-150-7	0.0100
128	地乐酚（二硝丁酚）Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	0.0100
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	0.0100
130	4,4'-二氨基二苯醚 4,4'-oxydianiline and its salts	101-80-4	202-977-0	0.0100
131	4-氨基偶氮苯 4-aminoazobenzene	60-09-3	200-453-6	0.0100
132	2,4-二氨基甲苯 4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	0.0100
133	2-甲氧基-5-甲基苯胺 6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	0.0100
134	4-氨基联苯 Biphenyl-4-ylamine	92-67-1	202-177-1	0.0100
135	邻氨基偶氮甲苯 o-aminoazotoluene	97-56-3	202-591-2	0.0100
136	邻甲基苯胺 o-toluidine	95-53-4	202-429-0	0.0100
137	N-甲基乙酰胺 N-methylacetamide	79-16-3	201-182-6	0.0100
138	溴代正丙烷 1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	0.0100
第九批 6 项 SVHC（2013 年 6 月公布）(The ninth 6 SVHC(Announced in June, 2013))				
139♣	镉 Cadmium	7440-43-9	231-152-8	0.0100
140♣	氧化镉*Cadmium oxide*	1306-19-0	215-146-2	0.0100
141	十五代氟辛酸铵盐 Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	0.0100
142	全氟辛酸 Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	0.0100
143	邻苯二甲酸二正戊酯 Dipentyl phthalate (DPP)	131-18-0	205-017-9	0.0100

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	RL (%)
144	①4-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/或其合] ①4-Nonylphenol, branched and linear, ethoxylated (substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof)	—	—	0.0100
第十批 7 项 SVHC（2013 年 12 月公布）(The tenth 7 SVHC(Announced in December, 2013))				
145♣	硫化镉*Cadmium sulphide*	1306-23-6	215-147-8	0.0100
146	邻苯二甲酸二己酯 Dihexyl phthalate	84-75-3	201-559-5	0.0100
147	②C.I.直接红 28 ②Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)] bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	0.0100
148	②C.I.直接黑 38 ②Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo] [1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	217-710-3	0.0100
149	亚乙基硫脲 Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	202-506-9	0.0100
150♣	醋酸铅*Lead di(acetate)*	301-04-2	206-104-4	0.0100
151	磷酸三（二甲苯）酯 Trixylyl phosphate	25155-23-1	246-677-8	0.0100
第十一批 4 项 SVHC（2014 年 6 月公布）(The eleventh 4 SVHC(Announced in June, 2014))				
152	邻苯二甲酸二己酯（直链与支链） 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	0.0100
153♣	氯化镉*Cadmium chloride*	10108-64-2	233-296-7	0.0100
154♣	水合高硼酸钠盐类 Sodium perborate, perboric acid, sodium salt*	—	239-172-9, 234-390-0	0.0100
155♣	过硼酸钠*Sodium peroxometaborate*	7632-04-4	231-556-4	0.0100
第十二批 6 项 SVHC（2014 年 12 月公布）(The twelfth 6 SVHC(Announced in December, 2014))				
156	2-(2'-羟基-3',5'-二叔戊基苯基)苯并三唑 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	0.0100
157	2-(2'-羟基-3',5'-二叔丁基苯基)-苯并三唑 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	0.0100

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	RL (%)
158♣	氟化镉*Cadmium fluoride*	7790-79-6	232-222-0	0.0100
159♣	硫酸镉*Cadmium sulphate*	10124-36-4; 31119-53-6	233-331-6	0.0100
160	二正辛基-双(巯乙酸 2-乙基己酯)锡 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	0.0100
161	二正辛基-双(巯乙酸 2-乙基己酯)（DOTE）和三（2-乙基己基巯基乙酸）辛锡（MOTE）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)	—	—	0.0100
第十三批 2 项 SVHC（2015 年 6 月公布）(The thirteenth 2 SVHC(Announced in June, 2015))				
162	1,2-苯二羧酸，二-碳6-10-烷基酯1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters (with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5))	68515-51-5 68648-93-1	271-094-0 272-013-1	0.0100
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）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)	—	—	0.0100
第十四批 5 项 SVHC（2015 年 12 月公布）(The fourteenth 5 SVHC(Announced in December, 2015))				
164	硝基苯 Nitrobenzene	98-95-3	202-716-0	0.0100
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	223-383-8	0.0100
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	0.0100
167	1,3-丙烷磺内酯 1,3-propanesultone	1120-71-4	214-317-9	0.0100

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	RL (%)
168	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) Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	0.0100
第十五批 1 项 SVHC（2016 年 6 月公布）(The fifteenth 1 SVHC(Announced in June, 2016))				
169	苯并芘 Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	0.0100
第十六批 4 项 SVHC（2017 年 1 月公布）(The sixteenth 4 SVHC(Announced in January, 2017))				
170	2,2-双(4-羟基苯基)丙烷（双酚A） 4,4'-isopropylidenediphenol(Bisphenol A; BPA)	80-05-7	201-245-8	0.0100
171	支链与直链的4-庚基苯酚 (4-HPbl) 4-heptylphenol, branched and linear (substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof)	—	—	0.0100
172	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	-- 206-400-3 221-470-5	0.0100
173	对-(1,1-二甲基丙基)酚 （对叔戊基苯酚） (PTAP) p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	0.0100
第十七批 1 项 SVHC（2017 年 7 月公布）(The seventeenth 1 SVHC(Announced in July, 2017))				
174	全氟己基磺酸及其盐类 Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	—	—	0.0100
第十八批 7 项 SVHC（2018 年 1 月公布）(The eighteenth 7 SVHC(Announced in January, 2018))				
175	德克隆[包括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”™) (covering any of its individual anti- and syn-isomers or any combination thereof)	—	—	0.0100
176	苯并[a]蒽 Benz[a]anthracene	56-55-3, 1718-53-2	200-280-6	0.0100
177♣	硝酸镉*Cadmium nitrate*	10022-68-1, 10325-94-7	233-710-6	0.0100
178♣	碳酸镉*Cadmium carbonate*	513-78-0	208-168-9	0.0100
179♣	氢氧化镉*Cadmium hydroxide*	21041-95-2	244-168-5	0.0100

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	RL (%)
180	䓛/ Chrysene	218-01-9, 1719-03-5	205-923-4	0.0100
181	①1,3,4-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≥0.1% w/w] ①Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) (with ≥0.1% w/w 4-heptylphenol, branched and linear (4-HPbl))	—	—	0.0100
第十九批 10 项 SVHC（2018 年 6 月公布）(The nineteenth 10 SVHC(Announced in June, 2018))				
182	苯-1,2,4-三羧酸 1,2-酐（偏苯三酸酐）（TMA） Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (trimellitic anhydride; TMA)	552-30-7	209-008-0	0.0100
183	苯并[GHI]苝 Benzo[ghi]perylene	191-24-2	205-883-8	0.0100
184	十甲基环五硅氧烷（D5）Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	0.0100
185	邻苯二甲酸二环己酯(DCHP) Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	0.0100
186♣	氧化硼钠*Disodium octaborate*	12008-41-2	234-541-0	0.0100
187	十二甲基环六硅氧烷（D6） Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	0.0100
188	乙二胺 Ethylenediamine（EDA）	107-15-3	203-468-6	0.0100
189♣	铅 Lead	7439-92-1	231-100-4	0.0100
190	八甲基环四硅氧烷（D4）Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	0.0100
191	氢化三联苯 Terphenyl, hydrogenated	61788-32-7	262-967-7	0.0100
第二十批 6 项 SVHC（2019 年 1 月公布）(The twentieth 6 SVHC(Announced in January, 2019))				
192	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	239-139-9	0.0100
193	4,4'-(1,3-二甲基丁基)二苯酚 2,2-bis(4'-hydroxyphenyl)-4-methylpentane(AP-5)	6807-17-6	401-720-1	0.0100
194	苯并(k)荧蒽 Benzo[k]fluoranthene	207-08-9	205-916-6	0.0100
195	荧蒽 Fluoranthene	206-44-0, 93951-69-0	205-912-4	0.0100
196	菲 Phenanthrene	85-01-8	201-581-5	0.0100
197	芘 Pyrene	129-00-0, 1718-52-1	204-927-3	0.0100

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	RL (%)
第二十一批 4 项 SVHC（2019 年 7 月公布）(The twenty-first 4 SVHC(Announced in July, 2019))				
198	三（4-壬基苯基，支链和直链）亚磷酸酯（TNPP） Tris(4-nonylphenyl, branched and linear) phosphite (TNPP)	—	—	0.0100
199	4-叔丁基苯酚(PTBP) 4-tert-butylphenol	98-54-4	202-679-0	0.0100
200	2-甲氧基乙酸乙酯 2-methoxyethyl acetate	110-49-6	203-772-9	0.0100
201	2,3,3,3-四氟-2-（七氟丙氧基）丙酸及其盐和酰基卤化物（包括单体和组合）2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides covering any of their individual isomers and combinations thereof	—	—	0.0100
第二十二批 4 项 SVHC（2020 年 1 月公布）(The twenty-second 4 SVHC(Announced in January , 2020))				
202	2-苄基-2-二甲基氨基-1-(4-吗啉苯基)丁酮 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone (CG 25-369; IRGACURE 369; TK 11-319)	119313-12-1	404-360-3	0.0100
203	2-甲基-1-(4-甲硫基苯基)-2-吗啉基-1-丙酮 (光引发剂 907) 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one(ACETOCURE 97; GENOCURE*PMP; IGM 4817; IRGACURE 907; SPEEDCURE 97)	71868-10-5	400-600-6	0.0100
204	邻苯二甲酸二异己酯 Diisohexyl phthalate	71850-09-4	276-090-2	0.0100
205	全氟丁烷磺酸及其盐 Perfluorobutane sulfonic acid (PFBS) and its salts	—	—	0.0100
第二十三批 4 项 SVHC（2020 年 6 月公布）(The twenty-third 4 SVHC(Announced in June , 2020))				
206	1-乙烯基咪唑 1-vinylimidazole	1072-63-5	214-012-0	0.0100
207	2-甲基咪唑 2-methylimidazole	693-98-1	211-765-7	0.0100
208	4-羟基苯甲酸丁酯 Butyl 4-hydroxybenzoate	94-26-8	202-318-7	0.0100
209	双乙酰丙酮基二丁基锡Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	245-152-0	0.0100
第二十四批 2 项 SVHC（2021 年 1 月公布）(The twenty-fourth 2 SVHC(Announced in January , 2021)				
210	四乙二醇二甲醚 Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	205-594-7	0.0100

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	RL (%)
211	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，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。 Dioctyltin 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	—	—	0.0100
第二十五批 8 项 SVHC（2021 年 7 月公布）(The twenty-fifth 8 SVHC(Announced in July , 2021)				
212	1,4-二噁烷1,4-dioxane	123-91-1	204-661-8	0.0100
213	2,2-双(溴甲基) -1,3-丙二醇 (BMP) 三溴新戊醇/3-溴-2,2-二溴乙基丙醇(TBNPA) 2,3-二溴-1-丙醇(2,3-DBPA) 2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	3296-90-0 36483-57-5 1522-92-5 96-13-9	221-967-7 253-057-0 202-480-9	0.0100
214	2-(4-叔丁基苄基)丙醛及其立体异构体 2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	—	—	0.0100
215	4,4'-(1-甲基亚丙基)双酚;(双酚B) 4,4'-(1-methylpropylidene)bisphenol	77-40-7	201-025-1	0.0100
216	戊二醛glutaral	111-30-8	203-856-5	0.0100
217	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) 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	—	—	0.0100
218♣	硼酸钠* orthoboric acid, sodium salt*	13840-56-7	237-560-2	0.0100
219	烷基酚，碳链(C12为主，直链或支链)主要在对位的烷基酚物质及其任何单个异构体或组合(PDDP) Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	—	—	0.0100
第二十六批 4 项 SVHC（2022 年 1 月公布）(The twenty-sixth 4 SVHC(Announced in January, 2022))				

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	RL (%)
220	（±）-1,7,7-三甲基-3-[（4-甲基苯基）亚甲基]双环[2.2.1]庚烷-2-酮，涵盖任何单个异构体和/或其组合（4-MBC）(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	—	—	0.0100
221	6,6'-二叔丁基-2,2'-亚甲基二对甲酚（DBMC）6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	204-327-1	0.0100
222	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 S-(tricyclo(5.2.1.0'2,6)deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8	401-850-9	0.0100
223	三（2-甲氧基乙氧基）乙烯基硅烷tris(2-methoxyethoxy)vinylsilane	1067-53-4	213-934-0	0.0100
第二十七批 1 项 SVHC（2022 年 6 月公布）(The twenty-seventh 1 SVHC(Announced in June, 2022))				
224	N-(羟甲基)丙烯酰胺 N-(hydroxymethyl)acrylamide	924-42-5	213-103-2	0.0100
第二十八批 9 项 SVHC（2023 年 1 月公布）(The twenty-eighth 9 SVHC(Announced in January, 2023))				
225	1,2-双(2,4,6-三溴苯氧基)乙烷1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]	37853-59-1	253-692-3	0.0100
226	四溴双酚A (TBBPA) 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	201-236-9	0.0100
227	4,4'-磺酰二苯酚（双酚S）4,4'-sulphonyldiphenol	80-09-1	201-250-5	0.0100
228♣	偏硼酸钡* Barium diboron tetraoxide*	13701-59-2	237-222-4	0.0100
229	四溴邻苯二甲酸双(2-乙基己基)酯，包括任何单个异构体和/或其组合 Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	—	—	0.0100
230	4-羟基苯甲酸异丁酯 Isobutyl 4-hydroxybenzoate	4247-02-3	224-208-8	0.0100
231	三聚氰胺 Melamine	108-78-1	203-615-4	0.0100
232	全氟庚酸及其盐 Perfluoroheptanoic acid and its salts	—	—	0.0100
233	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-4-（七氟丙基）吗啉的反应物reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	—	473-390-7	0.0100
第二十九批 2 项 SVHC（2023 年 6 月公布）(The twenty-ninth 2 SVHC(Announced in June, 2023))				

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	RL (%)
234	4,4'-二氯二苯砜 bis(4-chlorophenyl) sulphone	80-07-9	201-247-9	0.0100
235	二苯基(2,4,6-三甲基苯甲酰基)氧化膦 Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	278-355-8	0.0100
第三十批 5 项 SVHC（2024 年 1 月公布）(The thirty 5 SVHC(Announced in January, 2024))				
236	2,4,6-三叔丁基苯酚 2,4,6-tri-tert-butylphenol	732-26-3	211-989-5	0.0100
237	2-（2H-苯并三唑-2-基）-4-（1,1,3,3-四甲基丁基）苯酚 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol（UV-329）	3147-75-9	221-573-5	0.0100
238	2-（二甲基氨基）-2-[（4-甲基苯基）甲基]-1-[4-（吗啉-4-基）苯基]丁-1-酮 2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	438-340-0	0.0100
239	苯并三唑 Bumetrizole（UV-326）	3896-11-5	223-445-4	0.0100
240	2-苯基丙烯与苯酚的低聚和烷基化反应产物 Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	--	700-960-7	0.0100
第三十一批 1 项 SVHC（2024 年 6 月公布）(The thirty-first 1 SVHC(Announced in June, 2024))				
241	双(α,α-二甲基苄基)过氧化物 Bis(α,α-dimethylbenzyl) peroxide	80-43-3	201-279-3	0.0100
第三十二批 1 项 SVHC（2024 年 11 月公布）(The thirty-second 1 SVHC(Announced in November, 2024))				
242	磷酸三苯酯 Triphenyl phosphate	115-86-6	204-112-2	0.0100
第三十三批 5 项 SVHC（2025 年 1 月公布）(The thirty-third 5 SVHC(Announced in January, 2025))				
243	八甲基三硅氧烷 Octamethyltrisiloxane	107-51-7	203-497-4	0.0100
244	全氟三丙胺 Perfluamine	338-83-0	206-420-2	0.0100
245	O，O，O-硫代磷酸三苯酯 O,O,O-triphenyl phosphorothioate	597-82-0	209-909-9	0.0100
246	6-[(C10-C13)-烷基-(支链，不饱和)-2,5-二氧代吡咯烷-1-基]己酸 6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	2156592-54-8	701-118-1	0.0100
247	三苯基硫代磷酸盐和叔丁基化苯基衍生物反应物 Reaction mass of triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8	421-820-9	0.0100
第三十四批 3 项 SVHC（2025 年 6 月公布）(The thirty-fourth 3 SVHC(Announced in June, 2025))				
248	1,1,1,3,5,5,5-七甲基-3-[（三甲基硅基）氧基]三硅氧烷 1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane	17928-28-8	241-867-7	0.0100
249	十甲基四硅氧烷 Decamethyltetrasiloxane	141-62-8	205-491-7	0.0100

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	RL (%)
250	四（钠/钾）7-[(E)-{2-乙酰氨基-4-[(E)-(4-{[4-氯-6-({2-[(4-氟-6-{[4-(乙烯基磺酰基)苯基]氨基}-1,3,5-三嗪-2-基)氨基]丙基}氨基)-1,3,5-三嗪-2-基]氨基}-5-磺酸基-1-萘基)二氮烯基]-5-甲氧基苯基}二氮烯基]-1,3,6-萘三磺酸盐；活性棕 51 tetra(sodium/potassium) 7-[(E)-{2-acetamido-4-[(E)-(4-{[4-chloro-6-({2-[(4-fluoro-6-{[4-(vinylsulfonyl)phenyl]amino}-1,3,5-triazine-2-yl)amino]propyl}amino)-1,3,5-triazine-2-yl]amino}-5-sulfonato-1-naphthyl)diazenyl]-5-methoxyphenyl}diazenyl]-1,3,6-naphthalenetrisulfonate; Reactive Brown 51	—	466-490-7	0.0100

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 RL(%)
1 项评议高度关注物质(SVHC)（2025 年 6 月公布）(1 Proposed Substances of Very High Concern (SVHC) (Announced in June, 2025))				
1	1,1'-(1,2-亚乙基)双[五溴苯]（十溴二苯乙烷，DBDPE）1,1'-(ethane-1,2-diyl)bis[pentabromobenzene]	84852-53-9	284-366-9	0.0100

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 RL(%)
4 项潜在意向高关注物质(SVHC)（2024 年 8 月 & 2025 年 2 月 & 2025 年 5 月公布）(4 Potential Intentional Substances of Very High Concern (SVHC) (Announced in August, 2024 & February, 2025 & May, 2025))				
1	十二甲基五硅氧烷 Dodecamethyl pentasiloxane	141-63-9	205-492-2	0.0100
2	正己烷 N -hexane	110-54-3	203-777-6	0.0100
3	4,4'-二羟基二苯甲烷（双酚 F，BPF）4,4'-methylenediphenol	620-92-8	210-658-2	0.0100
4	4,4'-[2,2,2-三氟-1-(三氟甲基)亚乙基]双酚（BPAF）及其盐 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol and its salts	—	—	0.0100

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 RL(%)
G/TBT/N/EU/803				
1	间苯二酚 Resorcinol	108-46-3	203-585-2	0.0100

注释/ Note：

-0.1%=1000mg/kg

-mg/kg (毫克每千克) = ppm (百万分之)/ mg/kg (milligram per kilogram) = ppm (parts per million)

-*：无机 SVHC 的化合物通过检测钴、氯、钠、砷、铬、钾、铅、硼、锆、钛、锡、磷、钙、锌、锶、钼、铝、镉、钡元素的结果换算而来，并用适当溶剂萃取进行确认，同时建议客户检查化学配方表，进一步确认是否含有上述物质。

Inorganic SVHC compounds are obtained by converting the test results of cobalt, chloride, sodium, arsenic, chromium, potassium, lead, boron, zirconium, titanium, tin, phosphorus, calcium, zinc, strontium, molybdenum, aluminum, cadmium and barium elements, and confirmed through the appropriate solvent extraction. At the same time, customers are suggested to check the chemical formula table, to further confirm whether above materials are contained.

-♣：无机类物质 Inorganic substances.

-**：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。

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).

-***：C.I.：颜料索引号, C.I.:Colour Index

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

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

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.

-②：由于此物质含有多种物质，检测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，其主要组成化合物的检测结果是基于特定的元素的结果换算而来。

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.

附加信息(Appendix)：

(1)本报告所涉及的关于特定高关注物质的化学分析是根据欧洲化学品管理署发布的下列文件，利用现有的分析技术完成的。The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the following SVHC related documents published by ECHA:

http://echa.europa.eu/web/guest/candidate-list-table

这些文件清单由欧洲化学品管理署评估，将来可能会有变化。

These lists are under evaluation by ECHA and may subject to change in the future.

(2) 关于物品(Concerning article(s))：

根据欧盟第 1907/2006（EC）号法规，如果满足以下两个条件，如果物质符合第 57 条中的标准并根 据第 59 条第

一款被确定，物品的任何欧洲制造商或进口商应根据第 7 条第 4 款向欧盟化学品管理署 进行通报：(a) 候选清单中的物质在物品中的总含量超过 1 吨/年/生产商或进口商；(b) 候选清单中的 物质在物品中的总含量以质量分数计超过 0.1% 的浓度。In accordance with Regulation (EC) No 1907/2006, any EU producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if (a) the substance in the Candidate List is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance in the Candidate List is present in those articles above a concentration of 0.1% weight by weight (w/w).

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，这些信息至少包括含有的候选清单中物质的名称。Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance in the Candidate List.

(3) 关于材料(Concerning material(s)):：

报告中的测试结果是基于测试样品。如样品是均一材质，当其构成成品时，此结果不能代表成品中的 SVHC 浓度。如样品为均一材质等比例合测，这些材质也可能来自不同的物品。Test results in this report are based on the tested sample. This report refers to testing result of tested sample submitted as homogenous material(s). In case such material is being used to compose an article, the results indicated in this report may not represent SVHC concentration in such article. If this report refers to testing result of composite material group by equal weight proportion, the material in each composite test group may come from more than one article.

如果样品是一种物质或混合物，并且直接出口到欧盟，客户有责任遵守欧盟第 1907/2006 号 REACH 法规第 31 条供应链信息传递的义务和附件十四中的授权高关注物质授权的责任。If the sample is a substance or mixture, and it directly exports to EU, client has the obligation to comply with the supply chain communication obligation under Article 31 of Regulation (EC) No. 1907/2006 and the conditions of Authorization of substance of very high concern included in the Annex XIV of the Regulation (EC) No. 1907/2006.

(4) 关于物质和配制品(Concerning substance and preparation)：

如果样品中高关注物质的浓度超过 0.1% (w/w)和/或欧盟第 1272/2008 号 CLP 法规和欧盟委员会条例 第 790/2009 号中设定的特殊浓度限值，建议客户根据欧盟第 1907/2006 号 REACH 法规对有关高关 注物质准备安全数据表(SDS)以符合供应链传递信息的义务，如：If a SVHC is found over 0.1% (w/w) and/or the specific concentration limit which is set in Regulation (EC) No 1272/2008 and its amendments, client is suggested to prepare a Safety Data Sheet (SDS) against the SVHC to comply with the supply chain communication obligation under Regulation (EC) No 1907/2006, in which:

- 根据欧盟第 1272/2008 号 CLP 法规被列为有害物质。
- a substance that is classified as hazardous under the CLP Regulation (EC) No 1272/2008.
- 根据危险混合物指令 1999/45/EC 或欧盟第 1272/2008 号 CLP 法规被列为危险混合物，而其浓度大 于或等于危险混合物指令 1999/45/EC 第 3 条(3)中规定的限制数值或欧盟第 1272/2008 号 CLP 法规 附件六第 3 部分列出的较低值;或-a mixture that is classified as hazardous under the CLP Regulation (EC) No 1272/2008, when it contains a substance with concentration equal to, or greater than the classification limit as set in Regulation (EC) No. 1272/2008; or

- 根据危险混合物指令 1999/45/EC 并未列为危险混合物，但包含：
- a mixture is not classified as hazardous under the CLP Regulation (EC) No 1272/2008, but contains either:
(a) 对人类健康或环境有害的物质，而在固体或液体混合物（即非气体混合物）中其浓度≥1%(w/w) 或在气体混合物中占体积≥0.2%，或
a substance posing human health or environmental hazards in an individual concentration of ≥ 1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures) or ≥ 0.2 % by volume for gaseous mixtures; or
(b) PBT 或 vPvB 物质，在固体或液体混合物（即非气体混合物）中浓度≥0.1%(w/w)，或
a substance that is PBT, or vPvB in an individual concentration of ≥ 0.1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures); or
(c) 授权审议的高关注物质候选清单上的物质（除上述以外的原因）在非气体混合物中的浓度≥0.1%(w/w)，或
a substance on the SVHC candidate list (for reasons other than those listed above), in an individual concentration of ≥ 0.1 % by weight for non-gaseous mixtures; or
(d) 设有欧洲范围内工作场所接触限值的物质。
a substance for which there are Europe-wide workplace exposure limits.

声明/ Statement：

1. 检测报告无批准人签字和专用章无效。
   This report is considered invalid without approved signature and special seal.
2. 委托单位及地址，样品和样品信息由委托方提供，委托方应对其真实性负责，HCT 未核实其真实性。
   The Applicant name and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which HCT hasn't verified.
3. 本报告检测结果（结论）仅对受测样品负责。
   The result(s)(conclusion) shown in this report refer(s) only to the sample(s) tested.
4. 未经 HCT 书面同意，不得部分复制本报告。
   Without written approval of HCT, this report can't be reproduced except in full.
5. 无 CMA 标识报告中的结果仅用于客户科研、教学、内部质量控制、产品研发等目的，仅供内部参考。
   The result(s) in no CMA logo report shall only be used for client's scientific research, teaching, internal quality control, product research and development, etc..and just for internal reference.
6. 有 CNAS 标识报告中的“ⁿ”代表该检测项目暂未申请 CNAS 认可。
   The "ⁿ" in CNAS logo report means that the test item(s) was (were) currently not applying for CNAS accreditation.
7. 本报告使用的判定规则：
   Decision rules used in this report:
   (1)按照检测要求列的法规/标准中规定的判定规则；
   (2)如果检测要求列的法规中没有规定判定规则的话，则按照《CNAS-GL015 判定规则和符合性声明指南》6.2.1 简单接受(w=0)的二元判定规则：
   合格(接受)--测得值位于容许区间以内。
   不合格(拒绝)--测得值位于容许区间以外。

(1)According to the Decision rules in the regulations/standards listed in the Test Requested;
(2)If there is no Decision rules specified in the regulations listed in the Test Requested, then according to CNAS-GL015 Guidelines on Decision Rules and Statements of Conformity, 6.2.1, Simple Acceptance (*w*=0) of The binary Decision rule:
PASS (Accepted) - The measured value is within the tolerance interval.
FAIL (Rejected) - The measured value is outside the tolerance interval.

======报告结束/ End of Report ======