



检测报告

TEST REPORT

报告编号/ Report No. : WTF25F02031380C
任务号/ Job No. : FSW2502180551CJ
委托方/ Applicant : 福建省乔光电子科技有限公司
Fujian Qiaoguang Electronic Technology Co., Ltd
地址/ Address : 福建省漳平市西园镇大洋路 21 号
No.21 Dayang Road, Xiyuan Town, Zhangping City, Fujian
Province
买家/ Buyer : 海尔/ Haier
样品名称/ Sample Name : 氧化锌压敏电阻器, 氧化锌压敏电阻器+黑色套管,
氧化锌压敏电阻器+防爆壳, 氧化锌压敏电阻器+透明套管,
压敏电阻(银电极)
Zinc oxide varistor, Zinc oxide varistor + black tube, Zinc oxide
varistor + explosion-proof shell, Zinc oxide varistor +
transparent tube, varistor (silver electrode)
样品材质/ Sample Material : 氧化锌+电极 (铜或银)+镀锡铜包钢线+锡+环氧树脂
Zinc oxide+electrode (copper or silver)+tin plated copper-clad
steel wire+tin+epoxy resin
检测要求/ Test Requested : 参见报告下页/ Refer to next page (s)
检测方法/ Test Method : 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 : 2025-02-18
检测周期/ Testing period : 2025-02-18 ~ 2025-02-25
报告日期/ Date of Issue : 2025-02-25
检测结果/ Test Result : 参见报告下页/ Refer to next page (s)

报告制作/ Prepared By:

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授权签字人

Signed for and on behalf of

Waltek Testing Group (Foshan) Co., Ltd.

梁志聪

梁志聪/Swing Liang

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检测要求 Test Requested	检测结论 Test Conclusion
1. 根据 EC Regulation 1907/2006 (REACH 法案)要求, 测试评估被列入高关注度物质候选清单的 247 项 SVHC 含量(截至 2025 年 01 月 21 日): According to European Commission Regulation 1907/2006 (REACH Act), to test and evaluate the 247 kinds of SVHC content which have been listed in ECHA's website (latest updated on Jan. 21, 2025): https://echa.europa.eu/candidate-list-table	符合 [△] Pass [△]
2. 依据申请方要求, 测试评估样品中 1 项公众评议物质的含量 According to the applicant's requirement, to determine and evaluate the 1 substance content which has been published in a public consultation launched by ECHA to identify an additional chemicals as Substances of Very High Concern (SVHCs) on 1 Jun. 2021.	符合 [△] Pass [△]
3. 依据申请方要求, 测试评估样品中 5 项意向 SVHC 物质的含量, 物质清单为欧盟化学品管理局(ECHA)公布的清单 According to the applicant's requirement, to determine and evaluate 5 Intention SVHC, the substance list is published by the European Chemical Administration (ECHA).	符合 [△] Pass [△]

备注/Remark:

符合[△]的意思是/Pass[△] means

根据规定的测试范围及现有分析技术, 247 项 SVHC 物质, 73 项*SVHC 物质, 1 项公众评议物质, 5 项意向 SVHC 物质的浓度<0.1%

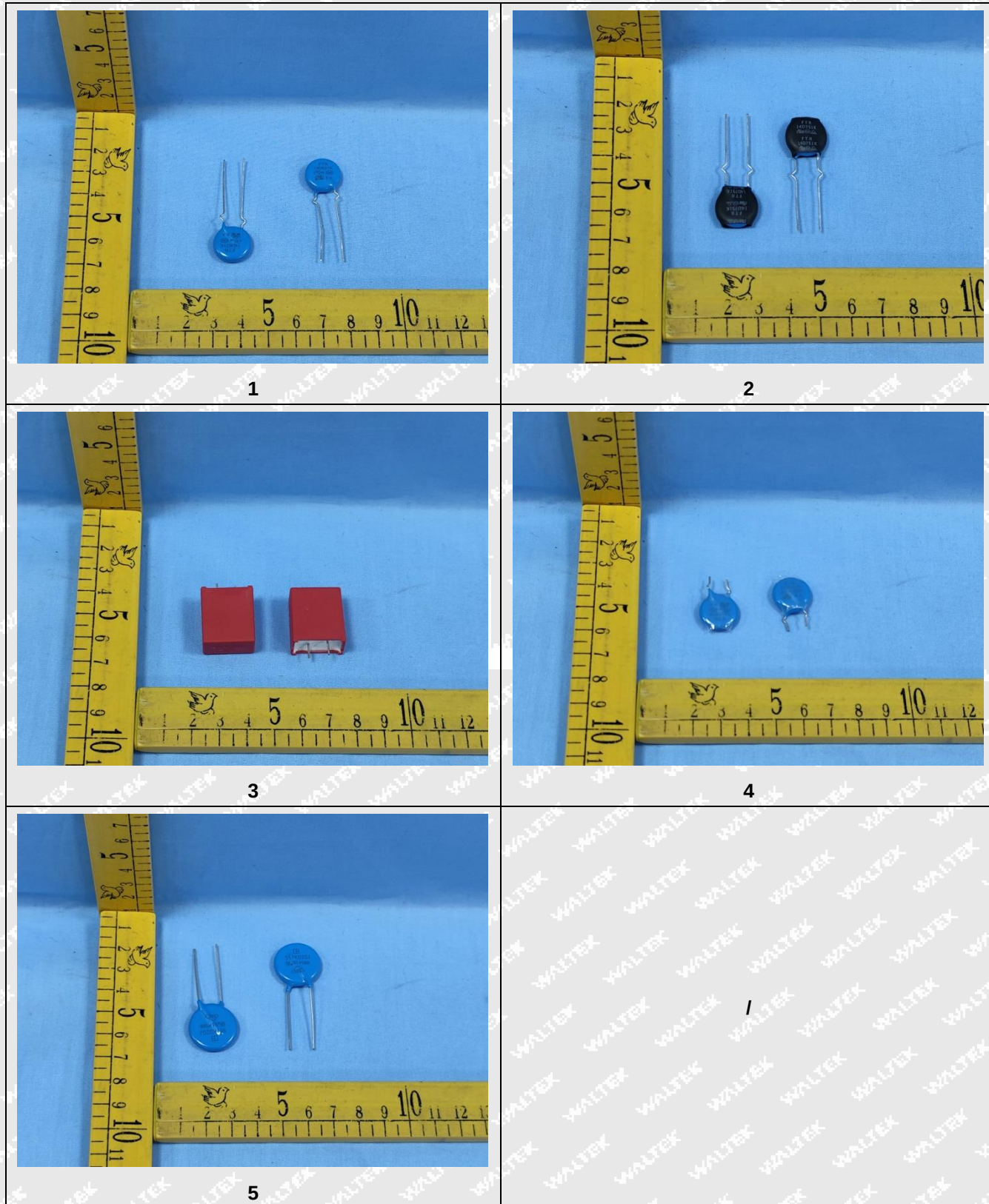
According to the specified scope and analytical technique, the concentrations of the 247 Substances of SVHC, 73 Substances of *SVHC, 1 kind of public comment substance, 5 Intention SVHC are less than 0.1% in the submitted samples



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样品图片 / Sample Photo:





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测试结果/ Test Results:

检测方法/仪器/ Test Method/Equipment:

实验室内部方法, 采用 ICP-OES、ICP-MS、AAS、UV-Vis、IC、XRF、GC-ECD、GC-MS、HPLC、LC-MS/MS 进行检测。

In-house method, analysis was performed by ICP-OES, ICP-MS, AAS, UV-Vis, IC, XRF, GC-ECD, GC-MS, HPLC, LC-MS/MS.

组别 Group No.	测试项目 Substance Name	化学文摘号 CAS NO.	结果 Result(%w/w)	RL (%w/w)
1	247 种列入高关注度物质候选清单的高关注度物质 247 Substances of SVHC in candidate list	--	ND	--
	间苯二酚 Resorcinol	108-46-3	ND	0.01
	5 项意向 SVHC 物质 5 Intention SVHC	--	ND	--
2	其它 246 种列入高关注度物质候选清单的高关注度物质 Other 246 Substances of SVHC in candidate list	--	ND	--
	四溴双酚 A 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	0.065	0.01
	间苯二酚 Resorcinol	108-46-3	ND	0.01
	5 项意向 SVHC 物质 5 Intention SVHC	--	ND	--
3	73 种列入高关注度物质候选清单的*高关注度物质 73 Substances of *SVHC in candidate list	--	ND	--

备注/Note:

“*” = 73 项列入高关注度物质候选清单的高关注度物质(带“*”标记)/ 73 Substances of SVHC(marked with “*”) in candidate list

测试组别/ Test Group(s):

- 1: 非金属 / Non-metal (No.1-2+No.2-2+No.2-3+No.3-1+No.3-3)
- 2: 非金属 / Non-metal (No.3-4+No.3-5+No.4-2+No.4-3+No.5-2)
- 3: 金属 / Metal (No.1-1+No.2-1+No.3-2+No.4-1+No.5-1)

**备注/ Note:**

1. 根据法规(EC) No 1907/2006 中第7条款第4项之规定, 如果物质符合第57条款之标准以及可依据第59(1)条之规定鉴别, 并且同时符合以下两项要求, 任何物品的制造人或进口商应根据第7条第4款向欧盟化学品管理署进行通报:

In accordance with regulation (EC) No 1907/2006, any 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), if both the following conditions are met:

- (a) 物质在物品中的含量超过1吨/年/生产商或进口商;

the substance is present in those articles in quantities totalling over one tonne per producer or importer per year;

- (b) 物质在物品中的总含量以质量分数计超过0.1%(W/W)的浓度。

the substance is present in those articles above a concentration of 0.1% weight by weight (w/w).

2. 自2008年10月28日起, 如果物品中含有超过0.1%含量的高关注物质(SVHC), 欧盟及欧洲经济区的供应商应向其客户, 或是在消费者提出要求后45天内提交足够有效的信息, 该信息必须保证对该物品的安全使用, 且必须提交该SVHC的名称。

From 28 October 2008, EU & EEA suppliers of articles which contain substances on the Candidate List in a concentration above 0.1% (W/W) must provide sufficient information, available to them, to their customers and on request to a consumer within 45 days of the receipt of this request. This information must ensure safe use of the article and, as a minimum, include the name of the substance.

3. ND= 未检出, 小于报告限(RL)。

ND=Not detected, Less than reporting limit (RL).

4. RL= 报告限 (若测试结果大于或等于报告限时将于报告上体现, RL 并不代表法规要求限值)

RL=Reporting Limit (Test data will be shown if it $\geq$ RL. RL is not regulatory limit.)

5. 基于混合测试部件中的最小样品质量计算测试结果。

Results are calculated by the minimum weight of mixed components.



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附录

Appendix

247 项高关注物质列表 / The list of 247 Substances of Very High Concern

编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
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	0.005
2	4,4'-二氨基二苯甲烷 (MDA) 4,4'-Diaminodiphenylmethane (MDA)	101-77-9	202-974-4	0.005
3	邻苯二甲酸二丁酯 (DBP) Dibutyl phthalate (DBP)	84-74-2	201-557-4	0.005
4	邻苯二甲酸二(2-乙基己基)酯 (DEHP) Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	204-211-0	0.005
5	邻苯二甲酸丁苄酯 (BBP) Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	0.005
6	三丁基氧化锡 (TBTO) Bis(tributyltin) oxide (TBTO)	56-35-9	200-268-0	0.005
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	0.005
8	六溴环十二烷 (HBCDD) 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	0.002
9	短链氯化石蜡 (SCCPs) Alkanes, C10-13, chloro(Short Chain Chlorinated Paraffins) (SCCPs)	85535-84-8	287-476-5	0.01
10*	砷酸氢铅 Lead hydrogen arsenate	7784-40-9	232-064-2	0.01
11*	三乙基砷酸酯 Triethyl arsenate	15606-95-8	427-700-2	0.01
12*	五氧化二砷 Diarsenic pentaoxide	1303-28-2	215-116-9	0.01
13*	三氧化二砷 Diarsenic trioxide	1327-53-3	215-481-4	0.01
14*	二氯化钴 Cobalt dichloride	7646-79-9	231-589-4	0.01



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15*	重铬酸钠 Sodium dichromate	7789-12-0, 10588-01-9	234-190-3	0.01
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	蒽油 Anthracene oil	90640-80-5	292-602-7	0.01
17	蒽油, 蒽糊, 轻油 Anthracene oil, anthracene paste, distn. lights	91995-17-4	295-278-5	0.01
18	蒽油, 蒽糊, 蒽馏分 Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.01
19	蒽油, 含蒽量少 Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.01
20	蒽油, 蒽糊 Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.01
21	邻苯二甲酸二异丁酯 Diisobutyl phthalate	84-69-5	201-553-2	0.01
22	2,4-二硝基甲苯 2,4-dinitrotoluene	121-14-2	204-450-0	0.01
23*	铬酸铅 Lead chromate	7758-97-6	231-846-0	0.01
24*	钼铬红 (C.I.颜料红 104) Lead chromate molybdate sulphate red (C.I.Pigment Red 104)	12656-85-8	235-759-9	0.01
25*	铅铬黄 (C.I.颜料黄 34) Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	0.01
26	煤焦油沥青, 高温 Pitch, coal tar, high-temp.	65996-93-2	266-028-2	0.01
27	磷酸三(2-氯乙基)酯 Tris(2-chloroethyl) phosphate	115-96-8	204-118-5	0.01
28	丙烯酰胺 Acrylamide	79-06-1	201-173-7	0.01
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	0.01



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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	0.01
31*	无水四硼酸钠 Disodium tetraborate, anhydrous	1330-43-4 12179-04-3 1303-96-4	215-540-4	0.01
32*	水合硼酸钠 Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	0.01
33*	铬酸钠 Sodium chromate	7775-11-3	231-889-5	0.01
34*	铬酸钾 Potassium chromate	7789-00-6	232-140-5	0.01
35*	重铬酸铵 Ammonium dichromate	7789-09-5	232-143-1	0.01
36*	重铬酸钾 Potassium dichromate	7778-50-9	231-906-6	0.01
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	0.01
38	2-甲氧基乙醇 2-methoxyethanol	109-86-4	203-713-7	0.005
39	2-乙氧基乙醇 2-ethoxyethanol	110-80-5	203-804-1	0.005
40*	醋酸钴 Cobalt(II) diacetate	71-48-7	200-755-8	0.01
41*	碳酸钴 Cobalt(II) carbonate	513-79-1	208-169-4	0.01
42*	硝酸钴 Cobalt(II) dinitrate	10141-05-6	233-402-1	0.01
43*	硫酸钴 Cobalt(II) sulphate	10124-43-3	233-334-2	0.01



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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	0.01
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	0.01
46*	铬酸锶 Strontium chromate	7789-06-2	232-142-6	0.01
47	邻苯二甲酸二(C7-11 支链与直链)烷基酯(DHNUP) 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	0.01
48	肼 Hydrazine	7803-57-8 302-01-2	206-114-9	0.01
49	1-甲基-2-吡咯烷酮(NMP) 1-Methyl-2-pyrrolidone (NMP)	872-50-4	212-828-1	0.01
50	1,2,3-三氯丙烷 1,2,3-trichloropropane	96-18-4	202-486-1	0.01
51	邻苯二甲酸二(C6-8 支链与直链)烷基酯, 富 C7 链(DIHP) 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich(DIHP)	71888-89-6	276-158-1	0.01
第六批 20 项 SVHC (2011 年 12 月公布) The sixth 20 SVHC(Announced in December, 2011)				
52*	硅酸铝耐火陶瓷纤维 Aluminosilicate Refractory Ceramic Fibres	—	650-017-00-8	0.01
53*	氧化锆硅酸铝耐火陶瓷纤维 Zirconia Aluminosilicate Refractory Ceramic Fibres	—	650-017-00-8	0.01
54*	铬酸铬 Dichromium tris(chromate)	24613-89-6	246-356-2	0.01



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55*	氢氧化铬酸锌钾 Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	234-329-8	0.01
56*	锌黄(C.I.颜料黄 36) Pentazinc chromate octahydroxide	49663-84-5	256-418-0	0.005
57	甲醛苯胺共聚物 Formaldehyde, oligomeric reaction products with aniline	25214-70-4	500-036-1	0.01
58	邻苯二甲酸二甲氧乙酯 Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	0.01
59	邻氨基苯甲醚 2-Methoxyaniline, o-Anisidine	90-04-0	201-963-1	0.01
60	对特辛基苯酚 4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	205-426-2	0.01
61	1,2-二氯乙烷 1,2-dichloroethane	107-06-2	203-458-1	0.01
62	二乙二醇二甲醚 Bis(2-methoxyethyl) ether	111-96-6	203-924-4	0.01
63*	砷酸 Arsenic acid	7778-39-4	231-901-9	0.01
64*	砷酸钙 Calcium arsenate	7778-44-1	231-904-5	0.01
65*	砷酸铅 Trilead diarsenate	3687-31-8	222-979-5	0.01
66	N,N-二甲基乙酰胺 N,N-dimethylacetamide	127-19-5	204-826-4	0.01
67	酚酞 Phenolphthalein	77-09-8	201-004-7	0.01
68	4,4'-亚甲基双-2-氯苯胺 2,2'-dichloro-4,4'-methylenedianiline	101-14-4	202-918-9	0.01
69*	叠氮化铅 Lead diazide, Lead azide	13424-46-9	236-542-1	0.01
70*	2,4,6-三硝基苯二酚铅 Lead styphnate	15245-44-0	239-290-0	0.01
71*	苦味酸铅 Lead dipicrate	6477-64-1	229-335-2	0.01
第七批 13 项 SVHC (2012 年 6 月公布) The seventh 13 SVHC(Announced in June, 2012)				



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72	三甘醇二甲醚 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.01
73	1, 2-二甲氧基乙烷 (EGDME) 1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	0.01
74*	三氧化二硼 Diboron trioxide	1303-86-2	215-125-8	0.01
75	甲酰胺 Formamide	75-12-7	200-842-0	0.01
76*	甲磺酸铅(II) Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5	0.01
77	异氰尿酸三缩水甘油酯 (TGIC) 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6- trione (TGIC)	2451-62-9	219-514-3	0.01
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)-trio ne (β-TGIC)	59653-74-6	423-400-0	0.01
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	0.01
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	0.01
81	结晶紫 [4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dime thylammonium 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	0.01
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	0.01



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编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
83	溶剂蓝 4 α,α -Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I.Solvent Blue 4) (with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2))	6786-83-0	229-851-8	0.01
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 $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2))	561-41-1	209-218-2	0.01
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 (DecaBDE) Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	1163-19-5	214-604-9	0.01
86	全氟十三酸 Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	0.01
87	全氟十二酸 Tricosafuorododecanoic acid	307-55-1	206-203-2	0.01
88	全氟十一烷酸 Henicosafuoroundecanoic acid	2058-94-8	218-165-4	0.01
89	全氟十四酸 Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	0.01
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)	--	--	0.01
91	4-壬基苯酚, 支链和直链 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)	--	--	0.01
92	偶氮二甲酰胺 Diazene-1,2-dicarboxamide(C,C'-azodi(formamide)) (ADCA)	123-77-3	204-650-8	0.01



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编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
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	0.01
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	0.01
95	甲氧基乙酸 Methoxyacetic acid	625-45-6	210-894-6	0.01
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	0.01
97	邻苯二甲酸二异戊酯 Diisopentyl phthalate	605-50-5	210-088-4	0.01
98	邻苯二甲酸正戊基异戊基酯 n-pentyl-isopentyl phthalate	776297-69-9	--	0.01
99	乙二醇二乙醚 1,2-diethoxyethane	629-14-1	211-076-1	0.01
100	N,N-二甲基甲酰胺 N,N-dimethylformamide	68-12-2	200-679-5	0.01
101	二丁基二氯化锡 (DBTC) Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	0.01
102*	碱式乙酸铅 Acetic acid, lead salt, basic	51404-69-4	257-175-3	0.01
103*	碱式碳酸铅 Trilead bis(carbonate) dihydroxide	1319-46-6	215-290-6	0.01
104*	碱式硫酸铅 Lead oxide sulfate	12036-76-9	234-853-7	0.01
105*	[1,2-苯二羧酸根合]二氧化三铅 [Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5	0.01
106*	双(十八酸基)二氧代三铅 Dioxobis(stearato)trilead	12578-12-0	235-702-8	0.01



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编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
107*	C16-18-脂肪酸铅盐 Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	0.01
108*	四氟硼酸铅 Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	0.01
109*	氨基氰铅盐 Lead cyanamidate	20837-86-9	244-073-9	0.01
110*	硝酸铅 Lead dinitrate	10099-74-8	233-245-9	0.01
111*	氧化铅 Lead monoxide (lead oxide)	1317-36-8	215-267-0	0.01
112*	四氧化三铅, 铅丹 Orange lead (lead tetroxide)	1314-41-6	215-235-6	0.01
113*	钛酸铅 Lead titanium trioxide	12060-00-3	235-038-9	0.01
114*	钛酸铅锆 Lead titanium zirconium oxide	12626-81-2	235-727-4	0.01
115*	氧化铅与硫酸铅的复合物 Pentalead tetraoxide sulphate	12065-90-6	235-067-7	0.01
116*	颜料黄 41 Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	0.01
117*	铅掺杂的硅钡酸盐 Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped	68784-75-8	272-271-5	0.01
118*	硅酸铅 Silicic acid, lead salt	11120-22-2	234-363-3	0.01
119*	亚硫酸铅 (II) Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	0.01
120*	四乙基铅 Tetraethyllead	78-00-2	201-075-4	0.01
121*	三碱式硫酸铅 Tetralead trioxide sulphate	12202-17-4	235-380-9	0.01
122*	磷酸氧化铅 Trilead dioxide phosphonate	12141-20-7	235-252-2	0.01
123	呋喃 Furan	110-00-9	203-727-3	0.01
124	环氧丙烷 Methyloxirane (Propylene oxide)	75-56-9	200-879-2	0.01



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编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
125	硫酸二乙酯 Diethyl sulphate	64-67-5	200-589-6	0.01
126	硫酸二甲酯 Dimethyl sulphate	77-78-1	201-058-1	0.01
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	0.01
128	地乐酚 (二硝丁酚) Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	0.01
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	0.01
130	4,4'-二氨基二苯醚 4,4'-oxydianiline and its salts	101-80-4	202-977-0	0.01
131	4-氨基偶氮苯 4-aminoazobenzene	60-09-3	200-453-6	0.01
132	2,4-二氨基甲苯 4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	0.01
133	2-甲氧基-5-甲基苯胺 6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	0.01
134	4-氨基联苯 Biphenyl-4-ylamine	92-67-1	202-177-1	0.01
135	邻氨基偶氮甲苯 o-aminoazotoluene	97-56-3	202-591-2	0.01
136	邻甲基苯胺 o-toluidine	95-53-4	202-429-0	0.01
137	N-甲基乙酰胺 N-methylacetamide	79-16-3	201-182-6	0.01
138	溴代正丙烷 1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	0.01
第九批 6 项 SVHC (2013 年 6 月公布) The ninth 6 SVHC(Announced in June, 2013)				
139*	镉(Cd) Cadmium (Cd)	7440-43-9	231-152-8	0.01
140*	氧化镉 Cadmium oxide	1306-19-0	215-146-2	0.01



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编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
141	十五代氟辛酸铵盐 (APFO) Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	0.01
142	全氟辛酸 (PFOA) Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	0.01
143	邻苯二甲酸二正戊酯 (DPP) Dipentyl phthalate (DPP)	131-18-0	205-017-9	0.01
144	4-壬基酚, 支链和直链, 乙氧基[由一含 9 个碳的直链和/或支链烷基链, 在碳 4 的位置共价有苯酚、乙氧基覆盖的非线性结构和明确的物质, 包括任何单一的同分异构体和/或其合] 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)	--	--	0.01
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	0.01
146	邻苯二甲酸二己酯 Dihexyl phthalate	84-75-3	201-559-5	0.01
147	C.I.直接红 28 Disodium 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	0.01
148	C.I.直接黑 38 Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo] [1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulpho nate (C.I. Direct Black 38)	1937-37-7	217-710-3	0.01
149	亚乙基硫脲 Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	202-506-9	0.01
150*	醋酸铅 Lead di(acetate)	301-04-2	206-104-4	0.01



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编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
151	磷酸三(二甲苯)酯 Trixylyl phosphate	25155-23-1	246-677-8	0.01
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	0.01
153*	氯化镉 Cadmium chloride	10108-64-2	233-296-7	0.01
154*	水合高硼酸钠盐类 Sodium perborate, perboric acid, sodium salt	--	239-172-9, 234-390-0	0.01
155*	过硼酸钠 Sodium peroxometaborate	7632-04-4	231-556-4	0.01
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	0.01
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	0.01
158*	氟化镉 Cadmium fluoride	7790-79-6	232-222-0	0.01
159*	硫酸镉 Cadmium sulphate	10124-36-4; 31119-53-6	233-331-6	0.01
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-stanna tetradecanoate (DOTE)	15571-58-1	239-622-4	0.01
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-stanna tetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4- octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoat e (reaction mass of DOTE and MOTE)	--	--	0.01



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编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
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 $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5))	68515-51-5 68648-93-1	271-094-0 272-013-1	0.01
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] (这两项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)	--	--	0.01
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	0.01
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	0.01
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	0.01
167	1,3-丙烷磺内酯 1,3-propanesultone	1120-71-4	214-317-9	0.01
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	0.01
第十五批 1 项 SVHC (2016 年 6 月公布) The fifteenth 1 SVHC(Announced in June, 2016)				



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编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
169	苯并芘 Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	0.01
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	0.01
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)	--	--	0.01
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	0.01
173	对-(1,1-二甲基丙基)酚 (对叔戊基苯酚) (PTAP) p-(1,1-dimethylpropyl)phenol(PTAP)	80-46-6	201-280-9	0.01
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 (PFHxS) Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	--	--	0.01
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-Dodecachloropenta cyclo[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)	--	--	0.01
176	苯并[a]蒽 Benz[a]anthracene	56-55-3, 1718-53-2	200-280-6	0.01
177*	硝酸镉 Cadmium nitrate	10022-68-1, 10325-94-7	233-710-6	0.01



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编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
178*	碳酸镉 Cadmium carbonate	513-78-0	208-168-9	0.01
179*	氢氧化镉 Cadmium hydroxide	21041-95-2	244-168-5	0.01
180	蒎 Chrysene	218-01-9	205-923-4	0.01
181	1,3,4-噻二唑烷-2,5-二硫酮, 甲醛和 4-庚基苯酚的支链和直链 (RP-HP) 的反应产物[4-庚基苯酚, 支链和直链含量≥0.1% w/w] Reaction 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))	--	--	0.01
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	0.01
183	苯并[GHI]花 Benzo[ghi]perylene	191-24-2	205-883-8	0.01
184	十甲基环五硅氧烷 (D5) Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	0.01
185	邻苯二甲酸二环己酯(DCHP) Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	0.01
186*	氧化硼钠 Disodium octaborate	12008-41-2	234-541-0	0.01
187	十二甲基环六硅氧烷 (D6) Dodecamethylcyclhexasiloxane (D6)	540-97-6	208-762-8	0.01
188	乙二胺 (EDA) Ethylenediamine (EDA)	107-15-3	203-468-6	0.01
189*	铅(Pb) Lead (Pb)	7439-92-1	231-100-4	0.01
190	八甲基环四硅氧烷 (D4) Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	0.01
191	氢化三联苯 Terphenyl, hydrogenated	61788-32-7	262-967-7	0.01



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编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
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	0.01
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	0.01
194	苯并(k)荧蒹 Benzo[k]fluoranthene	207-08-9	205-916-6	0.01
195	荧蒹 Fluoranthene	206-44-0, 93951-69-0	205-912-4	0.01
196	菲 Phenanthrene	85-01-8	201-581-5	0.01
197	芘 Pyrene	129-00-0, 1718-52-1	204-927-3	0.01
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)	--	--	0.01
199	4-叔丁基苯酚 (PTBP) 4-tert-butylphenol(PTBP)	98-54-4	202-679-0	0.01
200	2-甲氧基乙酸乙酯 2-methoxyethyl acetate	110-49-6	203-772-9	0.01
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	--	--	0.01
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	0.01



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编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
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-morpholinoprop- an-1-one(ACETOCURE 97; GENOCUREPMP; IGM 4817; IRGACURE 907; SPEEDCURE 97)	71868-10-5	400-600-6	0.01
204	邻苯二甲酸二异己酯 Diisohexyl phthalate	71850-09-4	276-090-2	0.01
205	全氟丁烷磺酸及其盐 Perfluorobutane sulfonic acid (PFBS) and its salts	--	--	0.01
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-乙基咪唑 1-vinylimidazole	1072-63-5	214-012-0	0.01
207	2-甲基咪唑 2-methylimidazole	693-98-1	211-765-7	0.01
208	4-羟基苯甲酸丁酯 Butyl 4-hydroxybenzoate	94-26-8	202-318-7	0.01
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	0.01
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	0.01
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	--	--	0.01
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	0.01



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编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
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-propan ol (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	0.01
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	--	--	0.01
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	0.01
216	戊二醛 glutaral	111-30-8	203-856-5	0.01
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	--	--	0.01
218*	硼酸钠 orthoboric acid, sodium salt	13840-56-7	237-560-2	0.01
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)	--	--	0.01
第二十六批 4 项 SVHC (2022 年 1 月公布) The twenty-sixth 4 SVHC(Announced in January, 2022)				



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编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
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)	--	--	0.01
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	0.01
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	0.01
223	三(2-甲氧基乙氧基)乙烯基硅烷 tris(2-methoxyethoxy)vinylsilane	1067-53-4	213-934-0	0.01
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	0.01
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-diylbis(oxy)]bis[2,4,6-tribromobenzene]	37853-59-1	253-692-3	0.01
226	四溴双酚A 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	201-236-9	0.01
227	4,4'-磺酰二苯酚 (双酚S) 4,4'-sulphonyldiphenol	80-09-1	201-250-5	0.01
228*	偏硼酸钡 Barium diboron tetraoxide	13701-59-2	237-222-4	0.01



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编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
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	--	--	0.01
230	4-羟基苯甲酸异丁酯 Isobutyl 4-hydroxybenzoate	4247-02-3	224-208-8	0.01
231	三聚氰胺 Melamine	108-78-1	203-615-4	0.01
232	全氟庚酸及其盐 Perfluoroheptanoic acid and its salts	--	--	0.01
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	0.01
第二十九批 2 项 SVHC (2023 年 6 月公布) The twenty-ninth 2 SVHC(Announced in June, 2023)				
234	4,4'-二氯二苯砜 bis(4-chlorophenyl) sulphone	80-07-9	201-247-9	0.01
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	0.01
第三十批 5 项 SVHC (2024 年 1 月公布) The thirtieth 5 SVHC(Announced in Jan, 2024)				
236	苯并三唑(BU326) Bumetrizole	3896-11-5	223-445-4	0.01
237	(2H-苯并三唑-2-基)-4-(1,1,3,3-四甲基丁基)苯酚 (UV329) 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	3147-75-9	221-573-5	0.01
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(光引发剂 379) 2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	438-340-0	0.01



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编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
239	2,4,6-三叔丁基苯酚 2,4,6-tri-tert-butylphenol	732-26-3	211-989-5	0.01
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	0.01
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-二甲苯基)过氧化物 Bis(α, α-dimethylbenzyl) peroxide	80-43-3	201-279-3	0.01
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	0.01
第三十三批 5 项 SVHC (2025 年 1 月公布) The thirty-third 5 SVHC(Announced in January, 2025)				
243	三苯基硫代磷酸酯与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	0.01
244	全氟三丙胺 Perfluamine	338-83-0	206-420-2	0.01
245	八甲基三硅氧烷 Octamethyltrisiloxane	107-51-7	203-497-4	0.01
246	O, O,O-三苯基硫代磷酸酯 O,O,O-triphenyl phosphorothioate	597-82-0	209-909-9	0.01
247	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-diox opyrrolidin-1-yl]hexanoic acid	2156592-54-8	701-118-1	0.01

欧洲化学品管理局 2021 年 6 月 1 日提议增加的化学物质

The specified substances to be included in the candidate list of SVHC on ECHA's draft recommendation

编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
1	间苯二酚 Resorcinol	108-46-3	203-585-2	0.01



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欧洲化学品管理局 2023 年和 2024 年公布的 5 项 SVHC 意向物质

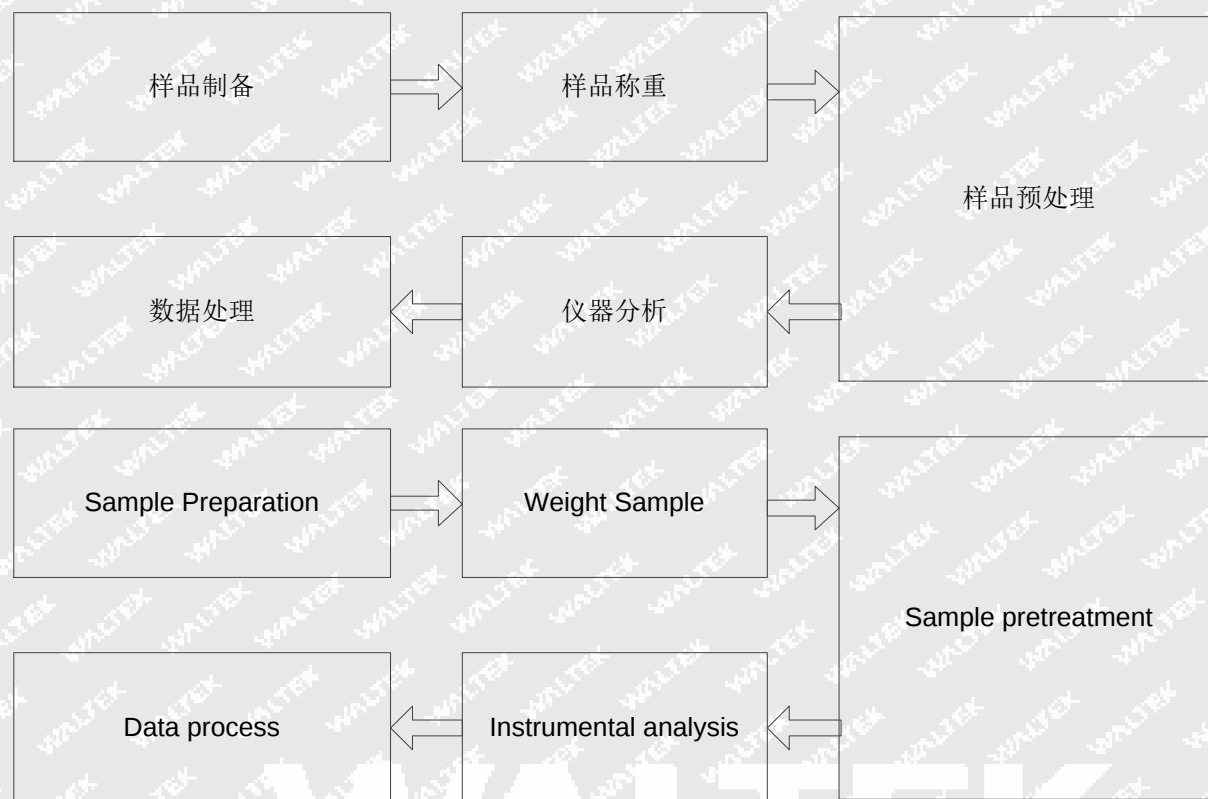
5 Intention SVHC to be included in the list of Registry of SVHC intentions until outcome

编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
1	六甲基二硅氧烷 Hexamethyldisiloxane	107-46-0	203-492-7	0.01
2	十二甲基五硅氧烷 Dodecamethyl pentasiloxane	141-63-9	205-492-2	0.01
3	十甲基四硅氧烷 Decamethyltetrasiloxane	141-62-8	205-491-7	0.01
4	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	0.01
5	四 (钠 / 钾) 7-[(E)-{2- 乙 酰 氨 基 -4-[(E)-(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 酰 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 酯 (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)diaz-enyl]-5-methoxyphenyl}diaz-enyl]-1,3,6-naphthalenetrisulfonate(Reactive Brown 51)	--	466-490-7	0.01

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测试流程图 / Testing Flow chart:

**样品描述 / Specimen Description:**

样品编号 Specimen No.	样品描述 Specimen Description
1-1	银色金属插脚 Silvery metal pin
1-2	蓝色电阻 Blue resistor
2-1	银色金属插脚 Silvery metal pin
2-2	蓝色电阻 Blue resistor
2-3	黑色热缩套管 Black heat-shrinkable tube
3-1	白色沙砾 White gravel
3-2	银色金属插脚 Silvery metal pin



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任务号/Job No.: FSW2502180551CJ

样品编号 Specimen No.	样品描述 Specimen Description
3-3	白色环氧树脂 White epoxy resin
3-4	蓝色电阻 Blue resistor
3-5	红色塑料外壳 Red plastic shell
4-1	银色金属插脚 Silvery metal pin
4-2	蓝色电阻 Blue resistor
4-3	透明热缩套管 Transparent heat-shrinkable tube
5-1	银色金属插脚 Silvery metal pin
5-2	蓝色电阻 Blue resistor

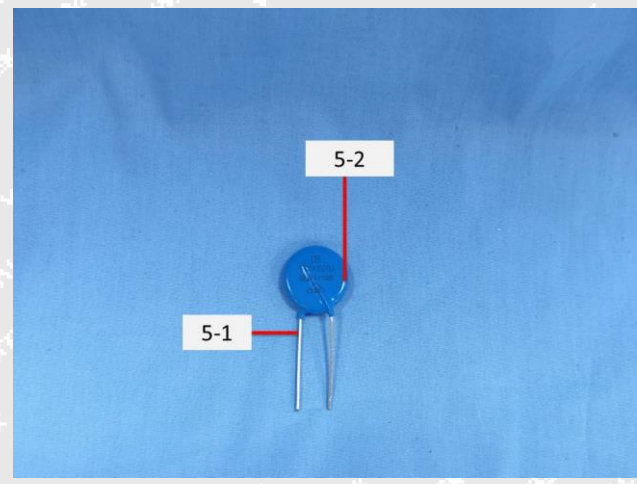
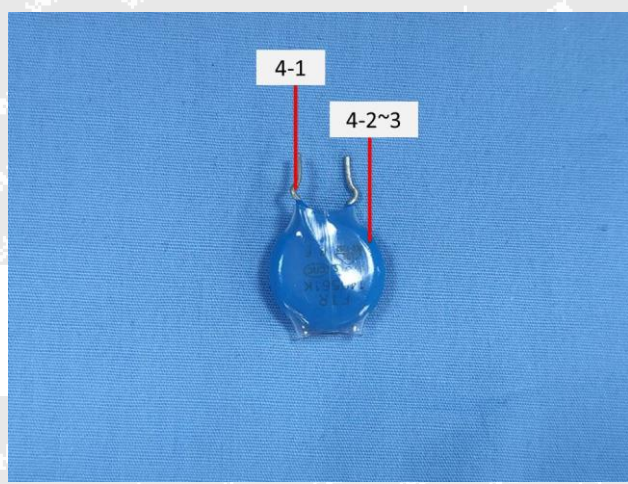
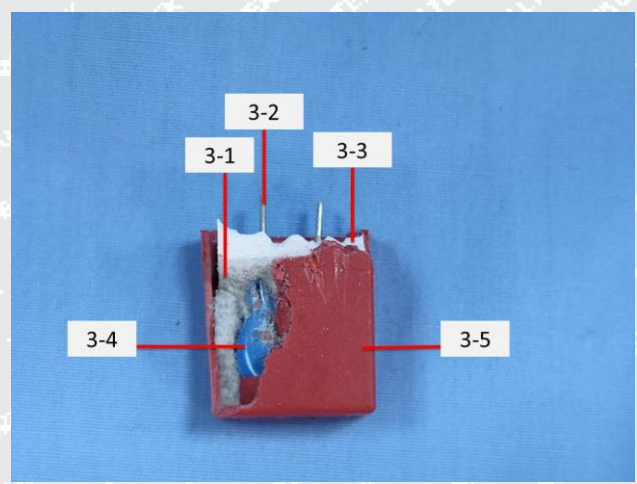
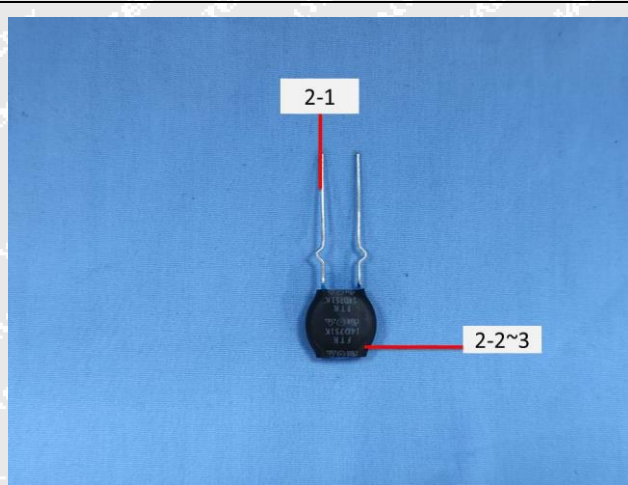
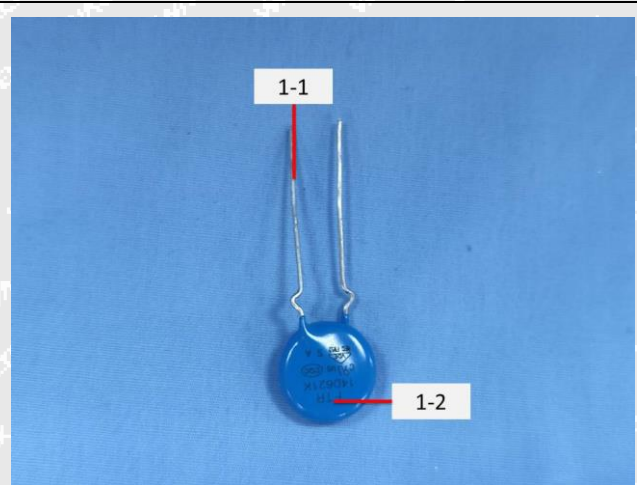
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报告编号/ Report No.: WTF25F02031380C

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测试部位图片 / Photograph of parts tested:





报告编号/ Report No.: WTF25F02031380C

任务号/Job No.: FSW2502180551CJ

备注/ Remarks:

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