



检测报告 TEST REPORT

报告编号/ Report No..... : WTF24F08187215C

委托方/ Applicant : 广东信兆朗精密科技股份有限公司
Guangdong Xinzhaolang Precision Technology Co., Ltd

地址/ Address : 佛山市顺德区容桂华口居委会华天路7号二层之三
The third of the second floor of No.7, Huatian Road,
Ronggui Huakou Neighborhood Committee, Shunde
District, Foshan City

买家/ Buyer : 美的/ Midea

样品名称/ Sample Name : 贴片跳线/ Chip jumper

样品型号/ Sample Model..... : M-136/137/138/139/140/141/142/143/144

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 : 2024-08-08

检测周期/ Testing period : 2024-08-08 ~ 2024-08-15

报告日期/ Date of Issue..... : 2024-08-15

检测结果/ Test Result..... : 参见报告下页/ Refer to next page (s)

报告制作/ Prepared By:
佛山市沃特测试技术有限公司
Waltek Testing Group (Foshan) Co., Ltd.

地址: 广东省佛山市顺德区陈村镇赤花居委会广隆工业园兴业4路顺联机械城二座二层13-19号
Address: No.13-19, 2/F., 2nd Building, Sunlink Machinery City, Xingye 4 Road, Guanglong Industrial Park,
Chihua Neighborhood Committee, Chencun Town, Shunde District, Foshan, Guangdong, China
电话/ Tel:+86-757-23811398 传真/ Fax:+86-757-23811381 邮箱/ E-mail:info@waltek.com.cn

佛山市沃特测试技术有限公司
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



WTF24F08187215C



报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ

汇总 / Summary

序号 Item No.	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241种SVHC含量(截至2024年06月27日): According to European Commission Regulation 1907/2006 (REACH Act), to test and evaluate the 241 kinds of SVHC content which have been listed in ECHA's website (latest updated on June 27, 2024): 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2种公众评议物质的含量 According to the applicant's requirement, to determine and evaluate the 2 substances content which have 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 and 1 Mar. 2024.	符合 [△] Pass [△]
3	依据申请方要求, 测试评估样品中11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 11 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, 241项SVHC物质, 73项*SVHC物质, 2种公众评议物质和11项意向SVHC物质的浓度<0.1%

According to the specified scope and analytical technique, the concentrations of the 241 Substances of SVHC, 73 Substances of *SVHC, 2 kinds of public comment substances and 11 Intention SVHC comment substances are less than 0.1% in the submitted samples



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任务号/Job No.: FSW2408090278CJ

REACH 241项高关注度物质，2种公众评议物质和11项意向SVHC

REACH 241 Substances of SVHC, 2 kinds of public comment substances and 11 Intention SVHC

测试方法:

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

Test Method:

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

测试结果Test Results:

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	241种列入高关注度物质候选清单的高关注度物质 241 Substances of SVHC in candidate list	--	ND	--
	2种公众评议物质 2 kinds of public comment substances	--	ND	--
	11项意向SVHC 11 Intention SVHC	--	ND	--
2	241种列入高关注度物质候选清单的高关注度物质 241 Substances of SVHC in candidate list	--	ND	--
	2种公众评议物质 2 kinds of public comment substances	--	ND	--
	11项意向SVHC 11 Intention SVHC	--	ND	--
3	241种列入高关注度物质候选清单的高关注度物质 241 Substances of SVHC in candidate list	--	ND	--
	2种公众评议物质 2 kinds of public comment substances	--	ND	--
	11项意向SVHC 11 Intention SVHC	--	ND	--
4	241种列入高关注度物质候选清单的高关注度物质 241 Substances of SVHC in candidate list	--	ND	--
	2种公众评议物质 2 kinds of public comment substances	--	ND	--
	11项意向SVHC 11 Intention SVHC	--	ND	--



报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ

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)
5	241种列入高关注度物质候选清单的高关注度物质 241 Substances of SVHC in candidate list	--	ND	--
	2种公众评议物质 2 kinds of public comment substances	--	ND	--
	11项意向SVHC 11 Intention SVHC	--	ND	--
6	241种列入高关注度物质候选清单的高关注度物质 241 Substances of SVHC in candidate list	--	ND	--
	2种公众评议物质 2 kinds of public comment substances	--	ND	--
	11项意向SVHC 11 Intention SVHC	--	ND	--
7	241种列入高关注度物质候选清单的高关注度物质 241 Substances of SVHC in candidate list	--	ND	--
	2种公众评议物质 2 kinds of public comment substances	--	ND	--
	11项意向SVHC 11 Intention SVHC	--	ND	--
8	241种列入高关注度物质候选清单的高关注度物质 241 Substances of SVHC in candidate list	--	ND	--
	2种公众评议物质 2 kinds of public comment substances	--	ND	--
	11项意向SVHC 11 Intention SVHC	--	ND	--
9	241种列入高关注度物质候选清单的高关注度物质 241 Substances of SVHC in candidate list	--	ND	--
	2种公众评议物质 2 kinds of public comment substances	--	ND	--
	11项意向SVHC 11 Intention SVHC	--	ND	--
10	241种列入高关注度物质候选清单的高关注度物质 241 Substances of SVHC in candidate list	--	ND	--
	2种公众评议物质 2 kinds of public comment substances	--	ND	--
	11项意向SVHC 11 Intention SVHC	--	ND	--
11	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	--



报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ

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)
12	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	--
13	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	--
14	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	--
15	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	--
16	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	--
17	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	--
18	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	--
19	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	--
20	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种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.1-1)
- 2: 非金属 / Non-metal (No.2-1)
- 3: 非金属 / Non-metal (No.3-1)
- 4: 非金属 / Non-metal (No.4-1)
- 5: 非金属 / Non-metal (No.5-1)
- 6: 非金属 / Non-metal (No.6-1)
- 7: 非金属 / Non-metal (No.7-1)
- 8: 非金属 / Non-metal (No.8-1)
- 9: 非金属 / Non-metal (No.9-1)
- 10: 非金属 / Non-metal (No.10-1)
- 11: 金属 / Metal (No.1-2)
- 12: 金属 / Metal (No.2-2)

佛山市沃特测试技术服务有限公司/ Waltek Testing Group (Foshan) Co., Ltd.

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任务号/Job No.: FSW2408090278CJ

- 13: 金属 / Metal (No.3-2)
- 14: 金属 / Metal (No.4-2)
- 15: 金属 / Metal (No.5-2)
- 16: 金属 / Metal (No.6-2)
- 17: 金属 / Metal (No.7-2)
- 18: 金属 / Metal (No.8-2)
- 19: 金属 / Metal (No.9-2)
- 20: 金属 / Metal (No.10-2)

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。

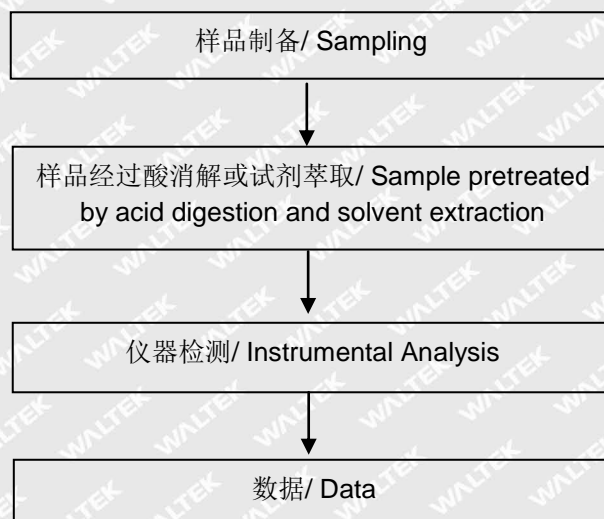
Results are calculated by the minimum weight of mixed components.



报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ

测试流程图 / Measurement Flowchart:



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任务号/Job No.: FSW2408090278CJ

附录

Appendix

1) 241项高关注物质列表 / The list of 241 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种 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
15*	重铬酸钠 Sodium dichromate	7789-12-0, 10588-01-9	234-190-3	0.01
第二批 13种 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



报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ

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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种 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
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



报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ

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第四批 8种 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
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种 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



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任务号/Job No.: FSW2408090278CJ

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第六批 20种 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
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	酞酐 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



报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ

编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
第七批 13种 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	0.01
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-triazine-2,4,6-tri- one (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)-trion- e (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]dimet- hylammonium 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]m- ethylene]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
83	溶剂蓝 4 α,α-Bis[4-(dimethylamino)phenyl]-4(phenylamino)na- phthalene-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	0.01



报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ

编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
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种 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 Pentacosfluorotridecanoic acid	72629-94-8	276-745-2	0.01
87	全氟十二酸 Tricosfluorododecanoic acid	307-55-1	206-203-2	0.01
88	全氟十一烷酸 Henicosfluoroundecanoic acid	2058-94-8	218-165-4	0.01
89	全氟十四酸 Heptacosfluorotetradecanoic 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
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



报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ

编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
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(十八烷基)二氧代三铅 Dioxobis(stearato)trilead	12578-12-0	235-702-8	0.01
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



报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ

编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
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
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'-二甲苯二苯甲烷 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种 SVHC (2013年6月公布) The ninth 6 SVHC(Announced in June, 2013)				

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15 / 29



报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ

编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
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
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种 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-disulphonate (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
151	磷酸三(二甲苯)酯 Trixylyl phosphate	25155-23-1	246-677-8	0.01
第十一批 4种 SVHC (2014年6月公布) The eleventh 4 SVHC(Announced in June, 2014)				



报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ

编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
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种 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-stannat etradecanoate (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-stannat etradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-o ctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	--	--	0.01
第十三批 2种 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	0.01



报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ

编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
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)	--	--	0.01
第十四批 5种 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种 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	0.01
第十六批 4种 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-HPBI) 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



报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ

编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
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种 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种 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)	--	--	0.01
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
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种 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



报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ

编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
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) Dodecamethylcyclohexasiloxane (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
第二十批 6种 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'-(1,3-二甲苯基)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种 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), 含有≥0.1%w/w的4-壬基酚, 支链和直链 (4-NP) Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	--	--	0.01
199	4-叔丁基苯酚 (PTBP) 4-tert-butylphenol(PTBP)	98-54-4	202-679-0	0.01



报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ

编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
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种 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
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-morpholinopropion-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种 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	0.01
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种 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。 Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	--	--	0.01



报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ

编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
第二十五批 8种 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
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	0.01
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种 SVHC (2022年1月公布) The twenty-sixth 4 SVHC(Announced in January, 2022)				
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]bic yclo[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



报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ

编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
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种 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种 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-tribromobenzen e]	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
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种 SVHC (2023年6月公布) The twenty-ninth 2 SVHC(Announced in June, 2023)				



报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ

编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
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种 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
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种 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	0.01

2) 欧洲化学品管理局2021年6月1日和2024年3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
2	磷酸三苯酯 Triphenyl phosphate	115-86-6	204-112-2	0.01

3) 欧洲化学品管理局2023年和2024年公布的11项SVHC意向物质

11 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

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24 / 29



报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ

编号 Seq.	测试项目 Substance Name	CAS 号 CAS No.	EC号 EC No.	RL (%,w/w)
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三硅氧烷 1,1,1,3,5,5,5-heptamethyltrisiloxane	1873-88-7	217-496-1	0.01
5	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
6	八甲基三硅氧烷 Octamethyltrisiloxane	107-51-7	203-497-4	0.01
7	全氟三丙胺 Perfluamine	338-83-0	206-420-2	0.01
8	O, O, O-三苯基硫代磷酸酯 O, O, O-triphenyl phosphorothioate	597-82-0	209-909-9	0.01
9	亚磷酸三(4-壬基苯基, 支链)酯 tris(4-nonylphenyl, branched) phosphite	/	701-028-2	0.01
10	三苯基硫代磷酸酯与叔丁基苯基衍生物反应物 reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8	421-820-9	0.01
11	6-[(C10-C13)-烷基-(支链, 不饱和)-2,5-二氧化吡咯烷-1-基]己酸 6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxo pyrrolidin-1-yl]hexanoic acid	2156592-54-8	701-118-1	0.01

样品描述/ Specimen Description:

编号 Specimen No.	样品描述 Specimen Description	备注 Note
1-1	黑色软塑料套管 Black soft plastic tube	•
1-2	银色金属插脚 Silvery metal pin	•
2-1	黑色软塑料套管 Black soft plastic tube	同(Same) 1-1
2-2	银色金属插脚 Silvery metal pin	同(Same) 1-2
3-1	黑色软塑料套管 Black soft plastic tube	同(Same) 1-1
3-2	银色金属插脚 Silvery metal pin	同(Same) 1-2
4-1	黑色软塑料套管 Black soft plastic tube	同(Same) 1-1
4-2	银色金属插脚 Silvery metal pin	同(Same) 1-2
5-1	黑色软塑料套管 Black soft plastic tube	同(Same) 1-1



报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ

编号 Specimen No.	样品描述 Specimen Description	备注 Note
5-2	银色金属插脚 Silvery metal pin	同(Same) 1-2
6-1	黑色软塑料套管 Black soft plastic tube	同(Same) 1-1
6-2	银色金属插脚 Silvery metal pin	同(Same) 1-2
7-1	黑色软塑料套管 Black soft plastic tube	同(Same) 1-1
7-2	银色金属插脚 Silvery metal pin	同(Same) 1-2
8-1	黑色软塑料套管 Black soft plastic tube	同(Same) 1-1
8-2	银色金属插脚 Silvery metal pin	同(Same) 1-2
9-1	黑色软塑料套管 Black soft plastic tube	同(Same) 1-1
9-2	银色金属插脚 Silvery metal pin	同(Same) 1-2
10-1	黑色软塑料套管 Black soft plastic tube	同(Same) 1-1
10-2	银色金属插脚 Silvery metal pin	同(Same) 1-2

备注/ Note:

(1) “●” = 对本报告图片中标识的样品进行化学检测。

“●” = Actual tested sample. Chemical tests were performed for the samples indicated by the photo in this report.

(2) “同” = 表示根据客户要求，该样品与实际检测样品为同材质（或结果均引用自对应编号的报告），未测试。

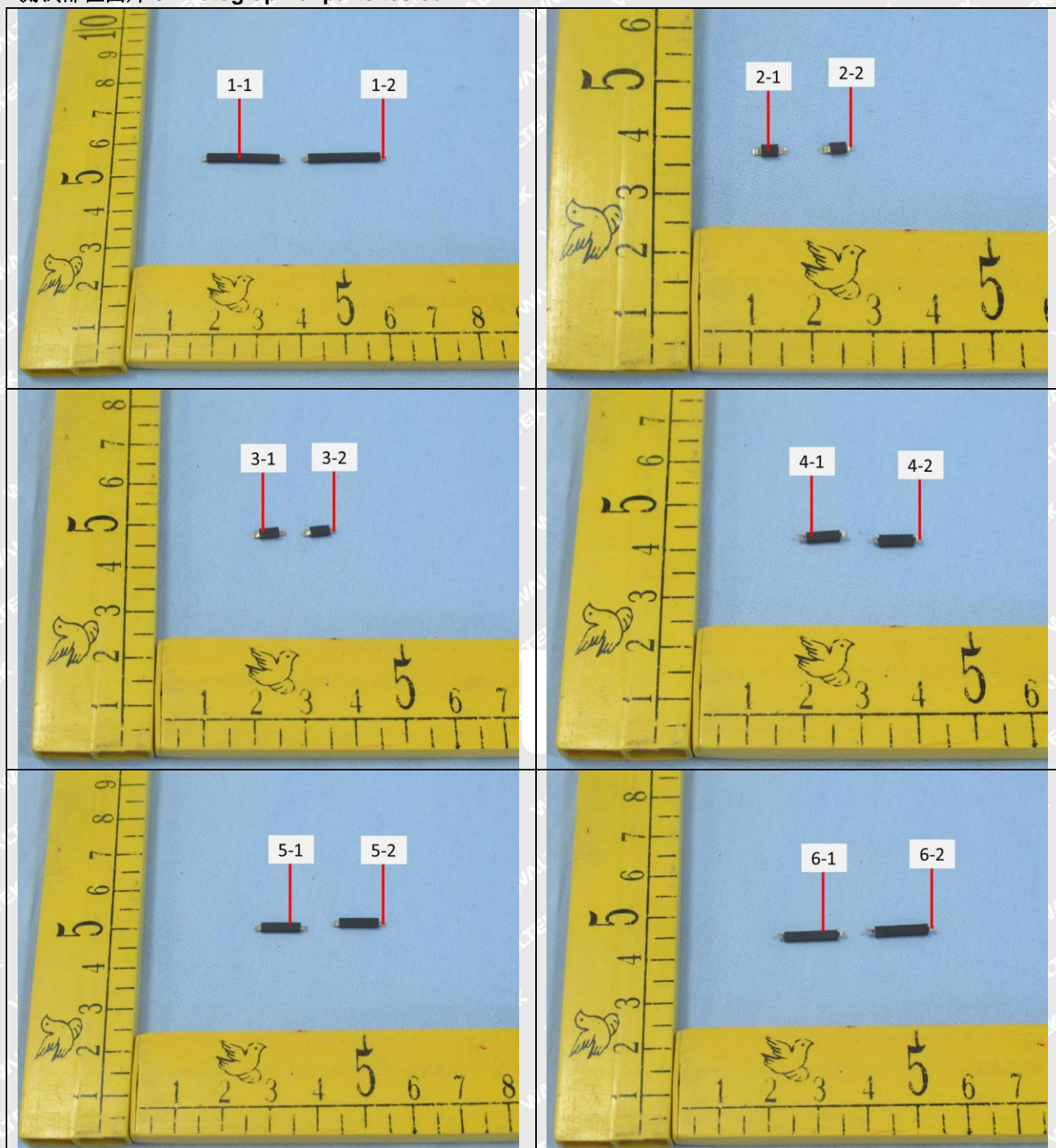
“Same” = It means that as per client's requirement, the sample and the actual tested sample are of the same material (or results of the sample are quoted from corresponding number report) and have not been tested.



报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ

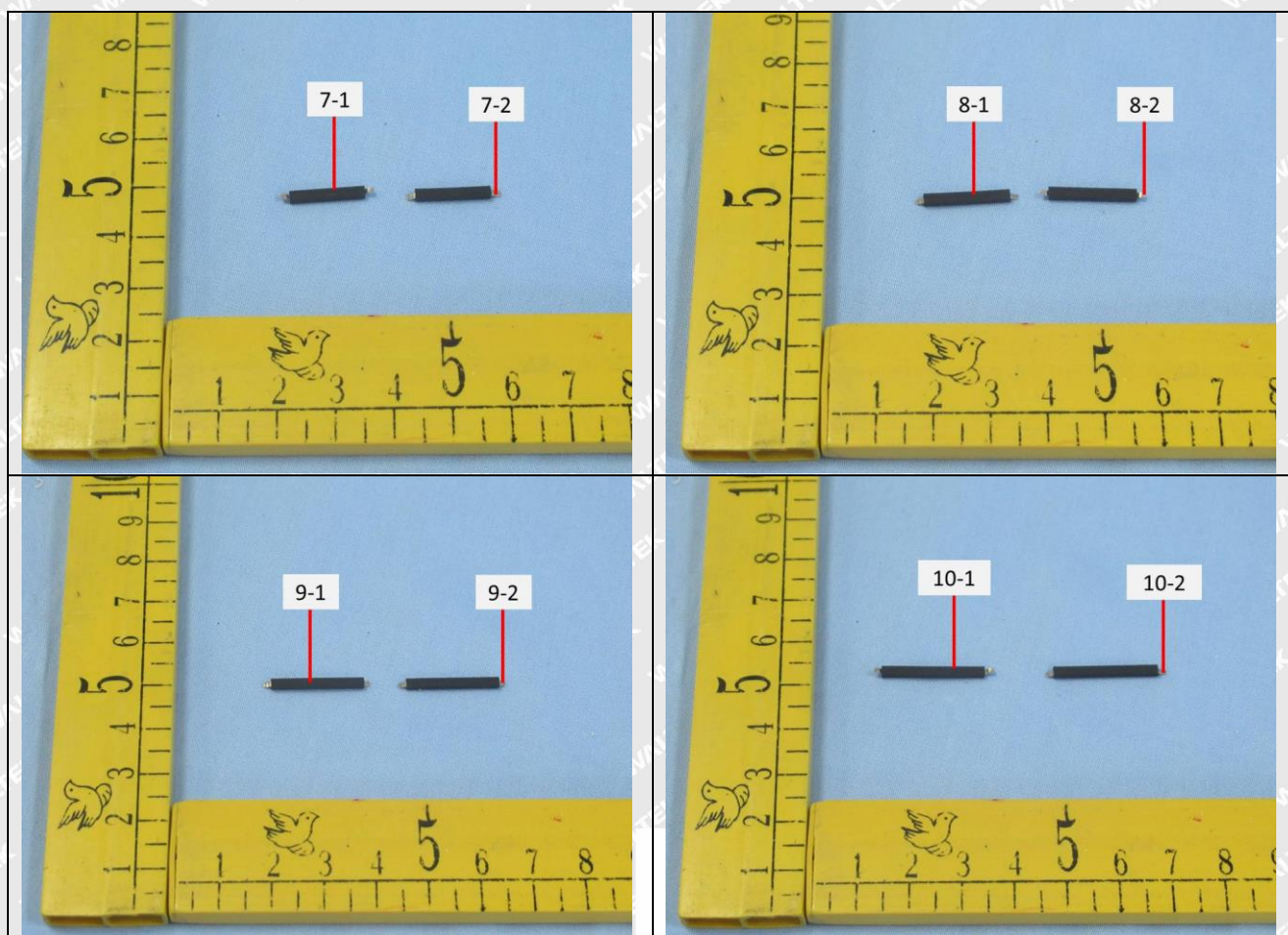
测试部位图片 / Photograph of parts tested:





报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ





报告编号/ Report No.: WTF24F08187215C

任务号/Job No.: FSW2408090278CJ

备注/ Remarks:

1. 检验检测结果仅对测试样品负责;
The results shown in this test report refer only to the sample(s) tested;
2. 报告未经本司的书面批准不得部分复制;
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The report would be invalid without specific stamp of test institute and the signatures of compiler and approver;
4. 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, 沃特未核实其真实性;
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 Waltek hasn't verified;
5. 报告未加盖资质认定标志章, 则仅用于科研、教学、内部质量控制等活动, 不可作为向社会出具具有证明作用数据的用途。
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