

检测报告/Test Report

报告编号/Report No.: SHA03-23047042-JC-01CnEnR1

样品来源/SampleOrigin: 客户送样/ Customer Sample Delivery

南海科技有限公司

客户名称/Client: /NANHAI DISPLAY LIMITED

香港九龙旺角弥敦道 610 号荷李活商业中心
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上海微谱检测科技集团股份有限公司
Shanghai WEIPU Testing Technology Group Co., LTD.



检测报告/Test Report: REACH SVHC 236

下列样品及样品信息由委托方提供及确认/The following sample(s) was/were submitted and identified on behalf of the applicant:

样品名称/Sample Name: 纳米隐形膜/Nano Cloaking Film

样品颜色/性状/材质/ Sample color / character / material: /

样品规格/Specification: T0F2

型号/批号/Type/ Batch number: /

其他信息/Other Information : /

检测信息/Testing information:

接样日期/Date of Sample Received: 2023-04-27

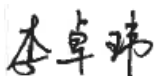
检测周期/ Testing Period: 2023-04-27~ 2023-05-09

检测要求/Test Item(s): 根据客户要求进行检测/Selected test (s) as requested by client.

检测依据/Test Criterion: 请参见下一页/Please refer to next page(s).

检测结果/Test Result: 请参见下一页/Please refer to next page(s).

编制/Complied by:



批准/ Approved by:



签发日期/ Issued Date:

2023-05-24

检测样品描述/Test Part Description:

<u>序号</u> <u>Serial No.</u>	<u>样品名称</u> <u>Sample name</u>	<u>样品编号</u> <u>Sample ID</u>	<u>描述</u> <u>Description</u>
001	纳米隐形膜/Nano Cloaking Film	2304006508-1	黑色固体/Black solid

检测方法和仪器/Test Methods and Apparatus:

基于欧洲化学品管理署公布的供授权审议的高关注物质候选清单（根据欧盟第 1907/2006 号 REACH 法规），对 233 种高关注物（SVHC）进行筛分测试。采用 ICP-OES, UV-Vis, GC-MS, HPLC, LC-MS, UPLC-MS/ MS 进行分析。

SVHC screening is performed according to: 233 substances in the Candidate List of Substances of Very High Concern(SVHC) for authorization published by European Chemicals Agency (ECHA) regarding Regulation (EC) No 1907/2006 concerning the REACH . Analyzed by ICP-OES, UV-Vis, GC-MS, HPLC, LC-MS, UPLC-MS/ MS.

检测结果/Test Results:

<u>物质名称/Substance Name</u>	<u>CAS No.</u>	<u>MDL (%)</u>	<u>Result(s) (%)</u>
所有测试的候选清单中的 SVHC All tested SVHC in candidate list	-	-	N.D.

总结 Summary:通过 PASS

根据欧盟法院对 REACH 物品定义的裁定，以及具体的范围和筛分测试，所提交样品的部件中 SVHC 测试结果 $\leq 0.1\%$ (w/w)。 / According to the ruling of the Court of Justice of the European Union on the definition of an article under REACH, and the specified scope and evaluation screening, the test results of SVHC are $\leq 0.1\%$ (w/w) in the articles of the submitted sample.

<u>物质名称/Substance Name</u>	<u>CAS No.</u>	<u>MDL (%)</u>	<u>结果/Result(s)</u> <u>(%)</u>
间苯二酚 Resorcinol	108-46-3	0.01	N.D.
4,4'-二氯二苯砜 4,4'-Dichlorodiphenyl sulfone	80-07-9	0.01	N.D.
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	0.01	N.D.

注释/Notes:

(1) 上表仅显示检出的 SVHC，低于 MDL 的 SVHC 没有列出。所有测试的 SVHC 请参见附录。

The table above only shows detected SVHC, and SVHC that below MDL are not reported. Please refer to Appendix for the

full list of tested SVHC.

(2) MDL =Method Detection Limit, 方法检出限

(3) N.D.= Not Detected (<MDL), 未检出

(4) “-” = Not Regulated, 未规定

(5) “Δ” : 根据元素分析结果得出的数据, 最终含量是按设定的最大风险计算得出。

The test result is based on the calculation of selected element(s) and to the worst-case scenario.

(6) “***” : 只有当物质包含米氏酮(CAS No.: 90-94-8)或米氏碱(CAS No.: 101-61-1)的浓度 $\geq 0.1\%$ (w / w)的情况下, 该物质才提议定为 SVHC。

The substance is proposed for the identification as SVHC only where it contains Michler’s ketone (CAS No. 90-94-8) or Michler’s base (CAS No. 101-61-1) $\geq 0.1\%$ (w / w).

(7) 鉴于分析需求和样品量的限制, 仅对成品中足够测试的部件/材料进行筛分测试。

In view of the analysis deand and the limitation in the sample, the sreening rule is only applied to the parts and materials that are enough tested in the finished product.

(8) NA^ = 基于对检出的特定元素的验证及客户提供的信息, 此元素以此 SVHC 形式存在的可能性极小, 尽管不能完全排除其存在可能。此样品中的特定元素应该来源于其它化合物。

NA^ = Based on the verification of the specific element detdcted and the information provided by the customer, the possibility of this element in the form of SVHC is very sall, although the possibility of its existence cannot be completely excluded. The specific element in this sample should come from other compounds.

备注/Remarks:

1. 如果一种高度关注物质同时符合第 57 条和第 59 (1) 条的规定 (1) 生产厂家或进口商的商品中高度关注物质总量超过了 1 吨/年; (2) 同时高度关注物质在商品中的含量超过了 0.1%。依据 (EC) No.1907/2006 第 7 条第 4 款规定, 该生产厂家或进口商应该向欧洲化学品管理局 (ECHA) 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) of the Regulation, if (1) the substance is present in those articles in quantities totaling over one tonne per producer or importer per year; and (2) the substance is present in those articles above a concentration of 0.1% weight by weight (w/w);

2. 在 (EC) No.1907/2006 第 33 条规定要求: 生产厂家的产品中高度关注物质同时符合第 57 条和第 59 (1) 条的规定确定含量超过 0.1% , 生产厂家应该向买家/使用者提供充分的信息, 至少包含高度关注物质的名称, 确定该商品能够安全使用。

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.

3. 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。<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。

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>

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

附录/Appendix:

序号 /No.	物质名称/Substance Name	CAS No.	MDL (%)
1	短链氯化石蜡 (C10-13) Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	0.01
2	蒽 Anthracene	120-12-7	0.01
3	邻苯二甲酸丁基苄酯 (BBP) Benzyl butyl phthalate	85-68-7	0.01
4	邻苯二甲酸二(2-乙基己基)酯 Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	0.01
5	双三丁基氧化锡 (TBTO) Bis(tributyltin)oxid	56-35-9	0.01
6	二氯化钴 Cobalt dichlorid Δ	7646-79-9	0.001
7	五氧化二砷 Diarsenicpentaoxide Δ	1303-28-2	0.001
8	三氧化二砷 Diarsenic trioxide Δ	1327-53-3	0.001
9	邻苯二甲酸二丁酯 (DBP) Dibutyl phthalate	84-74-2	0.01
10	4, 4'-二氨基二苯甲烷 (MDA) 4, 4'-Diaminodiphenylmethane	101-77-9	0.01
11	二甲苯麝香 5-tert-butyl-2,4,6-trinitro-m-xylene	81-15-2	0.01
12	六溴环十二烷 (HBCDD) 及其非对映异构体 Hexabromocyclododecane (α - HBCDD, β - HBCDD, γ - HBCDD)	25637-99-4, 3194-55-6 (134237-50-6, 134237-51-7, 134237-52-8)	0.01
13	砷酸氢铅 Lead hydrogen arsenate Δ	7784-40-9	0.001
14	重铬酸钠 Sodium dichromate Δ	7789-12-0, 10588-01-9	0.001
15	三乙基砷酸酯 Triethyl arsenate Δ	15606-95-8	0.001
16	蒽油 Anthracene oil	90640-80-5	0.01
17	蒽油, 蒽糊, 轻油 Anthracene oil, anthracene paste, distn. Lights	91995-17-4	0.01
18	蒽油, 蒽糊, 蒽馏分 Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	0.01
19	蒽油, 低蒽量 Anthracene oil, anthracene-low	90640-82-7	0.01
20	蒽油, 蒽糊 Anthracene oil, anthracene paste	90640-81-6	0.01
21	煤沥青, 高温 Pitch, coal tar, high temp.	65996-93-2	0.01

序号 /No.	物质名称/Substance Name	CAS No.	MDL (%)
22	丙烯酰胺 Acrylamide	79-06-1	0.01
23	2, 4-二硝基甲苯 2,4-Dinitrotoluene	121-14-2	0.01
24	邻苯二甲酸二异丁酯 (DIBP) Diisobutyl phthalate	84-69-5	0.01
25	铬酸铅 Lead chromate Δ	7758-97-6	0.001
26	C.I.颜料红 104 Δ C.I. Pigment Red 104	12656-85-8	0.001
27	C.I.颜料黄 34 Δ C.I. Pigment Yellow 34	1344-37-2	0.001
28	三(2-氯乙基)磷酸酯 Tris(2-chloroethyl)phosphate	115-96-8	0.01
29	三氯乙烯 Trichloroethylene	79-01-6	0.01
30	硼酸 Boric acid Δ	10043-35-3/1111 3-50-1	0.001
31	无水四硼酸钠 Δ Disodium tetraborate, anhydrous	1330-43-4, 12179-04-3, 1303-96-4	0.001
32	七水合四硼酸钠 Δ Tetraboron disodium heptaoxide, hydrate	12267-73-1	0.001
33	铬酸钠 Sodium chromate Δ	7775-11-3	0.001
34	铬酸钾 Potassium chromate Δ	7789-00-6	0.001
35	重铬酸铵 Ammonium dichromate Δ	7789-09-5	0.001
36	重铬酸钾 Potassium dichromate Δ	7778-50-9	0.001
37	硫酸钴 Cobalt(II) sulphate Δ	10124-43-3	0.001
38	硝酸钴 Cobalt(II) dinitrate Δ	10141-05-6	0.001
39	碳酸钴 Cobalt(II) carbonate Δ	513-79-1	0.001
40	二乙酸钴 Cobalt(II) diacetate Δ	71-48-7	0.001
41	乙二醇单甲醚 2-Methoxyethanol	109-86-4	0.01
42	乙二醇单乙醚 2-Ethoxyethanol	110-80-5	0.01
43	铬酸酐 Chromium trioxide Δ	1333-82-0	0.001
44	铬酸酐产生的低聚物: 铬酸 Δ , 重铬酸 Δ , 铬酸和重铬酸的低聚物 Δ 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 -	0.001

序号 /No.	物质名称/Substance Name	CAS No.	MDL (%)
45	醋酸二醇乙醚 2-ethoxyethyl acetate	111-15-9	0.01
46	1, 2-苯二酸-二 (C7-11 支链与直链) 烷基 (醇) 酯, 邻苯二酸-二 (C7, C9, C11) 烷基酯 (DHNUP) 1, 2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	0.01
47	水合肼 Hydrazine	7803-57-8, 302-01-2	0.01
48	N-甲基-2-吡咯烷酮 1-methyl-2-pyrrolidone	872-50-4	0.01
49	1, 2, 3-三氯丙烷 1, 2, 3-trichloropropane	96-18-4	0.01
50	邻苯二甲酸二 C6-8 支链烷基酯 (富 C7) (DIHP) 1, 2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	0.01
51	铬酸锶 strontium chromate Δ	7789-06-2	0.001
52	铬酸铬 Dichromiumtris(chromate) Δ	24613-89-6	0.001
53	氢氧化铬酸锌钾 Potassium Δ	11103-86-9	0.001
54	氢氧化铬酸锌 Δ Pentazinc chromate octahydroxide	49663-84-5	0.001
55	铝硅酸耐火陶瓷纤维 Δ Aluminosilicate RefractoryCeramic Fibres	-	0.001
56	氧化锆铝硅酸耐火陶瓷纤维 Δ Zirconia Aluminosilicate RefractoryCeramic Fibres	-	0.001
57	甲醛苯胺共聚物 Formaldehyde, oligomeric reactionproducts with aniline	25214-70-4	0.01
58	邻苯二甲酸二甲氧乙酯 Bis(2-methoxyethyl) phthalate	117-82-8	0.01
59	邻氨基苯甲醚 2-Methoxyaniline	90-04-0	0.01
60	对特辛基苯酚 4-(1, 1, 3, 3-tetramethylbutyl)phenol	140-66-9	0.01
61	1, 2-二氯乙烷 1, 2-Dichloroethane	107-06-2	0.01
62	二乙二醇二甲醚 Bis(2-methoxyethyl) ether	111-96-6	0.01
63	砷酸 Arsenic acid Δ	7778-39-4	0.001
64	砷酸钙 Calcium arsenate Δ	7778-44-1	0.001
65	砷酸铅 Trileaddiarsenate Δ	3687-31-8	0.001
66	N, N-二甲基乙酰胺 N, N-dimethylacetamide	127-19-5	0.01

序号 /No.	物质名称/Substance Name	CAS No.	MDL (%)
67	4, 4'-亚甲基双-2-氯苯胺 2, 2'-dichloro-4, 4'-methylenedianiline	101-14-4	0.01
68	酚酞 Phenolphthalein	77-09-8	0.01
69	叠氮化铅 Lead diazide, Lead azide Δ	13424-46-9	0.001
70	2, 4, 6-三硝基苯二酚铅 Lead styphnate Δ	15245-44-0	0.001
71	苦味酸铅 Lead dipicrate Δ	6477-64-1	0.001
72	三乙二醇二甲醚(TEGDME) 1, 2-bis(2-methoxyethoxy)ethane	112-49-2	0.01
73	乙二醇二甲醚(EGDME) 1, 2-dimethoxyethane	110-71-4	0.01
74	三氧化二硼 Diboron trioxide Δ	1303-86-2	0.001
75	甲酰胺 Formamide	75-12-7	0.01
76	甲基磺酸铅 Δ Lead(II) bis(methanesulfonate)	17570-76-2	0.001
77	1, 3, 5-三缩水甘油酯 TGIC (1, 3, 5-tris(oxiranylmethyl)-1, 3, 5-triazine-2, 4, 6(1H, 3H, 5H)-trione)	2451-62-9	0.01
78	异氰脲酸 B-三缩水甘油酯 β -TGIC(1, 3, 5-tris[(2S and 2R)-2, 3-epoxypropyl]-1, 3, 5-triazine-2, 4, 6-(1H, 3H, 5H)-trione)	59653-74-6	0.01
79	4, 4'-二(N, N-二甲氨基) 二苯甲酮(米氏酮) 4, 4'-bis(dimethylamino)benzophenone (Michler's Ketone)	90-94-8	0.01
80	4, 4'-(对二甲氨基)二苯基甲烷 (米氏碱) N, N, N', N'-tetramethyl-4, 4'-methylenedianiline (Michler's base)	101-61-1	0.01
81	C.I.碱性蓝 26* *C.I. Basic Blue 26	2580-56-5	0.01
82	C.I.碱性紫 3* *C.I. Basic Violet 3	548-62-9	0.01
83	α , α -二[(二甲氨基)苯基]-4-氨基苯甲醇** 4, 4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	0.01
84	C.I.溶剂蓝 4** C.I. Solvent Blue 4	6786-83-0	0.01
85	十溴联苯醚 Bis(pentabromophenyl) ether	1163-19-5	0.01
86	全氟十三烷酸 Pentacosfluorotridecanoic acid	72629-94-8	0.01

序号 /No.	物质名称/Substance Name	CAS No.	MDL (%)
87	全氟十二烷酸 Tricosaf luorododecanoic acid	307-55-1	0.01
88	全氟十一烷酸 Henicosaf luoroundecanoic acid	2058-94-8	0.01
89	全氟十四烷酸 Heptacosaf luorotetradecanoic acid	376-06-7	0.01
90	偶氮二甲酰胺 Diazene-1, 2-dicarboxamide	123-77-3	0.01
91	环己烷-1, 2-二羧酸酐、 Cyclohexane-1, 2-dicarboxylic anhydride、 顺式-环己烷-1, 2-二羧酸酐、 cis-cyclohexane-1, 2-dicarboxylic anhydride 反式-环己烷-1, 2-二羧酸酐 trans-cyclohexane-1, 2-dicarboxylic anhydride	85-42-7, 13149-00-3, 14166-21-3	0.01
92	甲基六氢邻苯二甲酸酐 MHHPA、 4-甲基六氢邻苯二甲酸酐、 Hexahydro-4-methylphthalic anhydride 1-甲基六氢邻苯二甲酸酐、 Hexahydro-1-methylphthalic anhydride 3-甲基六氢邻苯二甲酸酐 Hexahydro-3-methylphthalic anhydride	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	0.01
93	4-壬基（支链与直链）苯酚 4-Nonylphenol, branched and linear	/	0.01
94	对特辛基苯酚乙氧基醚 4-(1, 1, 3, 3-tetramethylbutyl) phenol, ethoxylated	/	0.01
95	甲氧基乙酸 Methoxyacetic acid	625-45-6	0.01
96	N, N-二甲基甲酰胺 N, N-Dimethylformamide	68-12-2	0.01
97	二丁基氯化锡 Dibutyltin dichloride	683-18-1	0.01
98	一氧化铅 Lead monoxide Δ	1317-36-8	0.001
99	四氧化三铅 Lead tetroxide (orange lead) Δ	1314-41-6	0.001
100	四氟硼酸铅 Lead bis(tetrafluoroborate) Δ	13814-96-5	0.001
101	碱式碳酸铅 Δ Trileadbis(carbonate) dihydroxid(basic lead carbonate)	1319-46-6	0.001
102	钛酸铅 Lead titanium trioxide Δ	12060-00-3	0.001
103	钛酸铅锆 Lead titanium zirconium oxide Δ	12626-81-2	0.001
104	硅酸铅 Silicic acid, lead salt Δ	11120-22-2	0.001

序号 /No.	物质名称/Substance Name	CAS No.	MDL (%)
105	掺杂铅的硅酸钡△ Silicic acid, barium salt, lead-doped	68784-75-8	0.001
106	溴代正丙烷 1-Bromopropane	106-94-5	0.01
107	环氧丙烷 Methyloxirane (Propylene oxide)	75-56-9	0.01
108	支链和直链 1,2-苯二羧二戊酯 1, 2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	0.01
109	邻苯二甲酸二异戊酯 Diisopentylphthalate	605-50-5	0.01
110	邻苯二甲酸正戊基酯 N-Pentyl-isopentylphthalate	776297-69-9	0.01
111	邻苯二甲酸正戊基酯 1, 2-Diethoxyethane	629-14-1	0.01
112	碱式乙酸铅 Lead Acetate Basic	51404-69-4	0.001
113	碱式硫酸铅 Lead oxide sulfate△	12036-76-9	0.001
114	二盐基邻苯二甲酸铅△ [Phthalato(2-)]dioxotrilead	69011-06-9	0.001
115	双(十八酸基)二氧代三铅△ Dioxobis(stearato)trilead	12578-12-0	0.001
116	C16-18-脂肪酸铅盐△ Fatty acids, C16-18, lead salts	91031-62-8	0.001
117	氨基氰铅盐 Lead cyanamidate△	20837-86-9	0.001
118	硝酸铅 Lead dinitrate△	10099-74-8	0.001
119	硫酸四氧化五铅△ Pentaleadtetraoxidesulphate	12065-90-6	0.001
120	铅锑黄△ Pyrochlore, antimony lead yellow	8012-00-8	0.001
121	二碱式亚硫酸铅△ Sulfurous acid, lead salt, dibasic	62229-08-7	0.001
122	四乙基铅 Tetraethyllead△	78-00-2	0.001
123	硫酸三氧化四铅△ Tetralead trioxide sulphate	12202-17-4	0.001
124	二碱式亚磷酸铅△ Trilead dioxide phosphonate	12141-20-7	0.001
125	呋喃 Furan	110-00-9	0.01
126	硫酸二乙酯 Diethyl sulphate	64-67-5	0.01
127	硫酸二甲酯 Dimethyl sulphate	77-78-1	0.01
128	3-乙基-2-甲基-2-(3-甲基丁基)恶唑烷 3-Ethyl-2-methyl-2-(3-methylbutyl)- 1, 3-oxazolidine	143860-04-2	0.01
129	二硝丁酚 Dinoseb	88-85-7	0.01

序号 /No.	物质名称/Substance Name	CAS No.	MDL (%)
130	4, 4'-二氨基-3, 3'-二甲基二苯甲烷 4, 4'-Methylenedi-o-toluidine	838-88-0	0.01
131	4, 4'-二氨基二苯醚 4, 4'-Oxydianiline and its salts	101-80-4	0.01
132	4-氨基苯甲酯 4-Aminoazobenzene	60-09-3	0.01
133	2, 4'-二氨基甲苯 4-Methyl-m-phenylenediamine	95-80-7	0.01
134	2-甲氧基-5-甲基苯胺 6-Methoxy-m-toluidine	120-71-8	0.01
135	4-氨基联苯 Biphenyl-4-ylamine	92-67-1	0.01
136	邻氨基偶氮甲苯 o-Aminoazotoluene	97-56-3	0.01
137	邻甲基苯胺 o-Toluidine	95-53-4	0.01
138	N-甲基乙酰胺 N-Methylacetamide	79-16-3	0.01
139	镉 Cadmium Δ	7440-43-9	0.001
140	全氟辛酸铵 (APFO) Ammonium pentadecafluorooctanoate	3825-26-1	0.01
141	全氟辛酸 (PFOA) Pentadecafluorooctanoic acid	335-67-1	0.01
142	邻苯二甲酸二戊酯 (DPP) Dipentyl phthalate	131-18-0	0.01
143	4-壬基(支链与直链)苯酚乙氧基醚 4-Nonylphenol, branched and linea, ethoxylated	-	0.01
144	氧化镉 Cadmium oxide Δ	1306-19-0	0.001
145	硫化镉 Cadmium sulphide Δ	1306-23-6	0.001
146	C.I.直接黑 38 C.I. Direct black 38	1937-37-7	0.01
147	邻苯二甲酸二己酯 Dihexyl Phthalate	84-75-3	0.01
148	2-巯基咪唑啉 Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7	0.01
149	磷酸三(二甲苯)酯 Trixylyl Phosphate	25155-23-1	0.01
150	C.I.直接红 28 C.I. Direct Red 28	573-58-0	0.01
151	醋酸铅 Lead di(acetate) Δ	301-04-2	0.001
152	邻苯二甲酸二己酯(包括直链和支链) 1, 2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	0.01
153	氯化镉 Cadmium chloride Δ	10108-64-2	0.001

序号 /No.	物质名称/Substance Name	CAS No.	MDL (%)
154	过硼酸钠（四水）Sodium perborate Δ ; 过硼酸钠（一水） Δ perboric acid, sodium salt	-	0.001
155	过硼酸钠 Sodium peroxometaborate Δ	7632-04-4	0.001
156	氟化镉 Cadmium fluoride Δ	7790-79-6	0.001
157	硫酸镉 Δ Cadmium sulphate	10124-36-4, 31119-53-6	0.001
158	2-（2'-羟基-3', 5'-二叔丁基苯基）- 苯并三唑（UV-320） 2-benzotriazol-2-yl-4, 6-di-tert-butylphenol	3846-71-7	0.01
159	2-（2H-苯并三唑-2-基）-4, 6-二叔戊基 苯酚（UV-328） 2-(2H-benzotriazol-2-yl)- 4, 6- ditertpentylphenol	25973-55-1	0.01
160	二正辛基-双（巯乙酸 2-乙基己酯）锡 DOTE	15571-58-1	0.01
161	二正辛基-双（巯乙酸 2-乙基己酯）锡和 三（2-乙基己基巯基乙酸）辛锡的反应 物料 Reaction mass of DOTE and MOTE	-	0.01
162	邻苯二甲酸二（C6-C10）烷基酯/（癸基， 己基，辛基）酯与 1, 2-邻苯二甲酸的复 合物，邻苯二甲酸二己酯含量 \geq 0.3% 1, 2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1, 2-benzenedicarboxylic acid, mixed decyl and hexyl and octyldiesters with \geq 0.3% of dihexyl phthalate	68515-51-5, 68648-93-1	0.01
163	卡拉花醛 5-sec-butyl-2-(2, 4-dimethylcyclohex- 3-en-1-yl)-5-methyl-1, 3-dioxane [1], 5-sec-butyl-2-(4, 6-dimethylcyclohex- 3-en-1-yl)-5-methyl-1, 3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]	-	0.01
164	1, 3-丙烷磺内酯 1, 3-propanesultone	1120-71-4	0.01
165	2, 4-二-叔丁基-6-（5-氯苯并三唑-2-基） 苯酚（UV-327） 2,4-di-tert-butyl-6- (5-chlorobenzotriazol-2-yl) phenol	3864-99-1	0.01

序号 /No.	物质名称/Substance Name	CAS No.	MDL (%)
166	2-(2H-苯并三唑-2-基)-4-(叔丁基)-6-(仲丁基)苯酚 (UV-350) 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol	36437-37-3	0.01
167	硝基苯 Nitrobenzene	98-95-3	0.01
168	全氟壬酸及盐 (2, 2, 3, 3, 4, 4, 5, 5, 6, 6, 7, 7, 8, 8, 9, 9-十七氟壬酸和其钠和铵盐) Perfluorononan-1-oic acid (2, 2, 3, 3, 4, 4, 5, 5, 6, 6, 7, 7, 8, 8, 9, 9, 9-heptafluorononanoic acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	0.01
169	苯并[a]芘 Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	0.01
170	双酚 A (BPA) 4,4'-isopropylidenediphenol	80-05-7	0.01
171	全氟癸酸 (PFDA) 及其钠盐和铵盐 Nonadecafluorodecanoic acid and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	0.01
172	4-(1, 1-二甲基丙基)苯酚 (别名: 对叔戊基苯酚) p-(1,1-dimethylpropyl)phenol	80-46-6	0.01
173	4-庚基 (支链与直链) 苯酚 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
174	全氟己基磺酸及其盐类 Perfluorohexane-1-sulphonic acid and its salts	-	0.01
175	蒎 Chrysene	218-01-9	0.01
176	苯并[a]蒽 Benz[a]anthracene	56-55-3	0.01
177	硝酸镉 Cadmium nitrate Δ	10325-94-7	0.001
178	氢氧化镉 Cadmium hydroxide Δ	21041-95-2	0.001
179	碳酸镉 Cadmium carbonate Δ	513-78-0	0.001

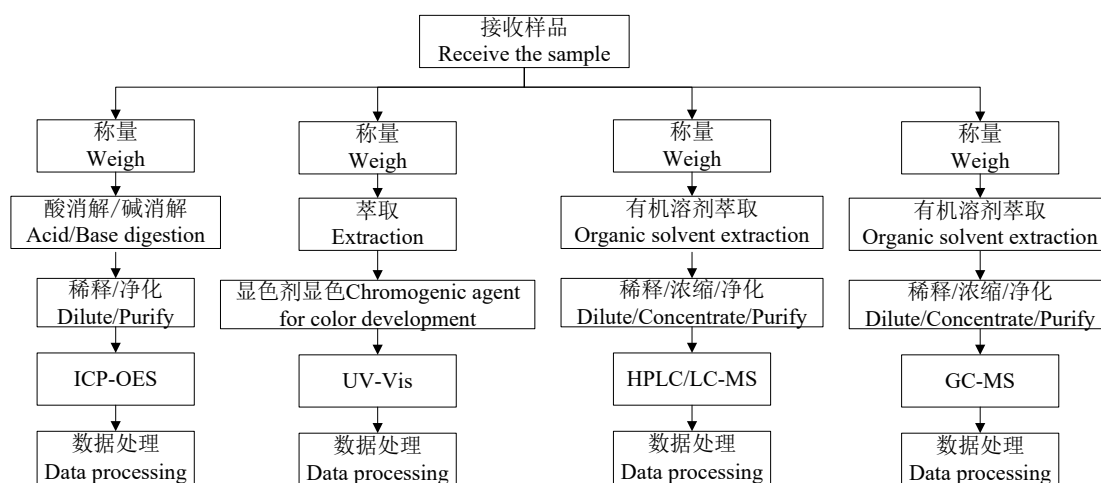
序号 /No.	物质名称/Substance Name	CAS No.	MDL (%)
180	双(六氯环戊二烯)环辛烷(包含任何顺式与反式同分异构体或其组合) 1, 6, 7, 8, 9, 14, 15, 16, 17, 17, 18, 18-Dodecachloropentacyclo[12.2.1.1.16, 9.02, 13.05, 10]octadeca-7, 15-diene("Dechlorane Plus" TM) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	0.01
181	1, 3, 4-噻二唑烷-2, 5-二硫酮, 甲醛和 4-庚基苯酚(支链和直链)的反应产物(RP-HP) [含≥0.1%w/w 的 4-庚基苯酚, 支链和直链] 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]	-	0.01
182	苯-1, 2, 4-三羧酸 1, 2-酐(偏苯三酸酐) Benzene-1, 2, 4-tricarboxylic acid 1, 2 anhydride (trimellitic anhydride)	552-30-7	0.01
183	苯并[g,h,i]苝 Benzo[ghi]perylene	191-24-2	0.01
184	十甲基环五硅氧烷(D5) Decamethylcyclopentasiloxane	541-02-6	0.01
185	邻苯二甲酸二环己酯(DCHP) Dicyclohexyl phthalate	84-61-7	0.01
186	八硼酸二钠 Disodium octaborate Δ	12008-41-2	0.001
187	十二甲基环六硅氧烷(D6) Dodecamethylcyclohexasiloxane	540-97-6	0.01
188	乙二胺 Ethylenediamine	107-15-3	0.01
189	铅 Lead Δ	7439-92-1	0.001
190	八甲基环四硅氧烷(D4) Octamethylcyclotetrasiloxane	556-67-2	0.01
191	氢化三联苯 Terphenyl hydrogenated	61788-32-7	0.01
192	4, 4'-(1, 3-二甲基丁基)二苯酚 2, 2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	0.01
193	苯并[k]荧蒹 Benzo[k]fluoranthene	207-08-9	0.01
194	荧蒹 Fluoranthene	206-44-0	0.01
195	菲 Phenanthrene	85-01-8	0.01

序号 /No.	物质名称/Substance Name	CAS No.	MDL (%)
196	芘 Pyrene	129-00-0	0.01
197	1, 7, 7-三甲基-3-(苯基亚甲基) 双环 [2, 2, 1]庚烷-2-酮 (3-亚苄基樟脑) BENZYLIDENE CAMPHOR	15087-24-8	0.01
198	2, 3, 3, 3-四氟-2-(七氯丙氧基) 丙酸及其盐和酰基卤化物 (包 括单体和组合) (HFPO-DA) 2, 3, 3, 3-tetrafluoro-2- (heptafluoropropoxy) propionic acid, its Acyl halides(coveing any of their individual Isomers and combinations there of)	-	0.01
199	2-甲氧基乙基乙酸酯 2-Methoxyethyl acetate	110-49-6	0.01
200	4-叔丁基苯酚 4-tert-Butylphenol	98-54-4	0.01
201	三-(4-壬基苯酚, 支链和直链) 亚磷酸酯 (TNPP) (含≥0.1%的支链 和直链 4-壬基苯基) Tris(4-nonylphenyl, branched and linear) phosphite with ≥0.1% w/w of 4- Nonylphenol, branched and linear(4-NP)	-	0.01
202	2-苄基-2-二甲基氨基-1-(4-吗啉苯基)丁酮 2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	0.01
203	2-甲基-1-(4-甲硫基苯基)-2-吗啉基-1-丙酮 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	0.01
204	邻苯二甲酸二异己酯 Diisohexyl phthalate	71850-09-4	0.01
205	全氟丁烷磺酸(PFBS)及其盐 Perfluorobutane sulfonic acid (PFBS) and its salts	-	0.01
206	1-乙烯基咪唑 1-vinylimidazole	1072-63-5	0.01
207	2-甲基咪唑 2-methylimidazole	693-98-1	0.01
208	对羟基苯甲酸丁酯 Butyl 4-hydroxybenzoate	94-26-8	0.01
209	双(乙酰丙酮基)二丁基锡 Dibutlbis (pentane-2, 4-dionto-O, O')tin	22673-19-4	0.01
210	四乙二醇二甲醚 Tetraethylene glycol dimethyl ether	108-46-3	0.01

序号 /No.	物质名称/Substance Name	CAS No.	MDL (%)
211	二月桂酸二辛基锡及其他二辛基锡双(脂肪酰氧基)衍生物 /Diocetyl tin dilaurate and other Diocetyl tin bis (fatty acyloxy) derivatives	143-24-28	0.01
212	1,4-二噁烷 1,4-Dioxane	123-91-1	0.01
213	2,2-双(溴甲基)-1,3-丙二醇(BMP) 三溴新戊醇(TBNPA) 2,3-二溴-1-丙醇(2,3-DBPA) 2,2-Bis(bromomethyl)propane-1,3-diol (BMP) Trisbromoneopentyl alcohol (TBNPA) 2,3-Dibromo-1-propanol (2,3-DBPA)	3296-90-0, 36483-57-5, 1522-92-5, 96-13-9	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 stereoisomers	-	0.01
215	双酚B(BPB) 2,2-Bis(4-hydroxyphenyl)butane	77-40-7	0.01
216	戊二醛 Glutaraldehyde	111-30-8	0.01
217	中链氯化石蜡(MCCP) (UVCB物质,由≥80%的直链氯化烷烃组成,碳链长度在C ₁₄ 到C ₁₇ 之间) Medium chain chlorinated paraffins (MCCP) (UVCB material, consisting of more than 80% linear chlorinated alkanes with carbon chain length between C14 and C17)	-	0.01
218	硼酸钠 Boric acid	13840-56-7	0.01
219	烷基酚,碳链(C ₁₂ 为主,直链或支链)主要在对位,包括其任何单个异构体或组合(PDDP) Alkylphenols, whose carbon chain (C12 based, straight or branched) is mainly in the para position, including any single isomer or combination (PDDP)	-	0.01
220	2,2'-亚甲基双-(4-甲基-6-叔丁基苯酚) 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	0.05
221	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	0.05
222	乙烯基-三(2-甲氧基乙氧基)硅烷 tris(2-methoxyethoxy)vinylsilane	1067-53-4	0.05

序号 /No.	物质名称/Substance Name	CAS No.	MDL (%)
223	(±)-1,7,7-三甲基-3-[(4-甲基苯基)亚甲基]双环[2.2.1]庚-2-酮, 包括任何单独的异构体和/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)	-	0.05
224	N-羟甲基丙烯酰胺 N-Methylolacrylamide	924-42-5	0.01
225	1,2-二(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	0.05
226	四溴双酚 A 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	0.01
227	双酚 S 4,4'-sulphonyldiphenol	80-09-1	0.01
228	偏硼酸钡 Barium diboron tetraoxide	13701-59-2	0.001
229	3,4,5,6-四溴-1,2-苯二羧酸双(2-乙基己基)酯, 包括包括任何单独的异构体和/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 2-甲基丙酯 Isobutyl 4-hydroxybenzoate	4247-02-3	0.01
231	三聚氰胺 Melamine	108-78-1	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 2,2,3,3,5,5,5,6,6-八氟烷-4-(七氟丙基)吗啉的反应物料 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	-	0.01

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流程图/Flow Chart:


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样品照片/Sample picture(s):



2304006508-1

本报告代替原报告编号：SHA03-23047042-JC-01CnEn，原报告作废。

This report replaces the original report number : SHA03-23047042-JC-01CnEn, the original report is invalid.

报告结束 End of the Report

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