

# 检测报告 TEST REPORT

报告抬头公司: 东莞市中子电子材料有限公司  
 Company Name: DONG GUAN NEUTRON ELECTRONIC MATERIALS CO.,LTD  
 Shown on Report:  
 地址: 东莞市万江街道新谷涌社区泰路 551 号 1 号厂房  
 Address: No. 551 Taixin Road, Xinguyong Community, Wanjiang Street, Dongguan City

以下测试之样品及信息是由申请者所提供及确认:

**The following sample(s) was/were submitted and identified on behalf of the client as:**

样品名称: 漆包线脱漆粉  
 Sample Name: BT-EnameledWire Stripper  
 样品型号: /  
 Model Name:  
 收样日期: 2025.03.20  
 Sample Arrival Date:  
 测试日期: 2025.03.20 - 2025.03.26  
 Test Date:  
 签发日期: 2025.03.27  
 Date of Issue:



签发方 / ISSUED BY:

广东钛和科博检测技术有限公司 GUANGDONG TI COBO TESTING CO.,LTD.

主检: 钟运行  
Tested by:

钟运行

审核: 陈利  
Checked by:

陈利

批准: 谢伟  
Approved by:

谢伟

### 1. 检测要求 Test Requested:

参照法规 (EC) No 1907/2006(REACH)及其系列修正案, 对所提交样品中 247 项高度关注物质 (SVHC) 进行筛选测试。

According to the customer's requirements, with reference to Regulation (EC) No 1907/2006 (REACH) and its series of amendments, 247 Substances of Very High Concern (SVHC) in the submitted samples were screened.

基于 WTO 2021 年 6 月 1 日的通知, 对 1 种潜在的高关注物质 (SVHC) 进行筛分检测

One (1) potential Substances of Very High Concern (SVHC) in the notification of WTO on Jun.1.2021.

基于欧洲化学品管理署(ECHA)公布的高关注物质候选清单, 对 6 种潜在高度关注物质(SVHC)进行筛分检测  
Screen 6 Intention SVHC, the substance list is published by the European Chemical.

### 2. 检测结果 Test Result(s):

根据规定的范围和分析技术, 所提交样品中 247 项 SVHC 高度关注物质浓度均小于 0.1%(w/w)。

According to the specified scope and analytical techniques, the concentration of each of the 247 SVHC is <0.1%(w/w) in the component(s) of submitted products.

### 3. 检测方法 Test Method:

参考 US EPA 3052: 1996, US EPA 3050B: 1996, US EPA 3060A: 1996, US EPA 3550C: 2007, US EPA 3540C: 1996, ISO 17353: 2004, EN 14582: 2016 进行样品预处理。采用 ICP-OES, UV-Vis, HPLC, GC-MS 及 LC-MS-MS 分析。

Refer to US EPA3052:1996, US EPA 3050B:1996, US EPA 3060A:1996, US EPA 3550C:2007, US EPA 3540C:1996, ISO 17353:2004, EN 14582:2016 for sample pretreatment.Analyzed by ICP-OES, UV-Vis, HPLC, GC-MS and LC-MS-MS.

物质名称 Substance Name(s)	样品编号 Model No.	限值 Limit (%)
所有每一种 SVHC 物质 (见候选清单) All tested of each SVHC (See the candidate list)	1	< 0.1
结果 Result (%)	<0.01	-

### 4. 基于 WTO 2021 年 6 月 1 日的通知, 对 1 种潜在的高关注物质 (SVHC) 进行筛分检测

One (1) potential Substances of Very High Concern (SVHC) in the notification of WTO on Jun.1.2021.

检测方法: 溶剂萃取, 用 GC-MS 分析。

Test Method: Solvent extraction, analyzed by GC-MS.

测试项目 Test Item	样品编号 Model No.	限值 Limit (%)
间苯二酚 Resorcinol	1	< 0.1
结果 Result (%)	<0.01	-

5. 基于欧洲化学品管理署(ECHA)公布的高关注物质候选清单, 对 6 种潜在高度关注物质(SVHC)进行筛分检测

Screen 6 Intention SVHC, the substance list is published by the European Chemical.

检测方法: 溶剂萃取, 用 GC-MS 分析。

Test Method: Solvent extraction, analyzed by GC-MS.

测试项目 Test Item (s)	限值 Limit (%)	结果 Result (%)
		1
十甲基四硅氧烷 Decamethyltetrasiloxane	< 0.1	<0.01
1,1,1,3,5,5,5-七甲基-3-[(三甲基甲硅烷基)氧基]三硅氧烷 1,1,1,3,5,5,5-heptamethyl-3- [[trimethylsilyl]oxy]trisiloxane	< 0.1	<0.01
活性棕 51 Reactive Brown 51	< 0.1	<0.01
十二甲基五硅氧烷 Dodecamethylpentasiloxane	< 0.1	<0.01
六甲基二硅氧烷 Hexamethyldisiloxane	< 0.1	<0.01
正己烷 N-Hexane	< 0.1	<0.01

备注 Remark:

- 1) 结果仅显示检出的 SVHC 物质/意向 SVHC 物质, 低于报告检出限的 SVHC 物质/意向 SVHC 物质没有列出。所有测试的 SVHC 物质/意向 SVHC 物质见下页的 SVHC/意向 SVHC 候选清单。  
The table of tested result(s) only shows detected SVHC/intention for identification of SVHC, and SVHC/intention for identification of SVHC that below Report Limit are not reported. Please refer to the Candidate List of SVHC/ intention for identification of SVHC on next pages.
- 2) w/w %重量百分比; 0.1% = 1000mg/kg  
w/w % = weight by weight; 0.1% = 1000mg/kg

## 6. SVHC 候选清单 Candidate List of SVHC:

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	设备 Equipment(s)	报告限值 RL (%)
	英文名称 English name	中文名称 Chinese name			
1	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	短链氯化石蜡 (C10-13)	85535-84-8	GC-MS	0.01
2	Anthracene	蒽	120-12-7	GC-MS	0.01
3	Benzyl butyl phthalate (BBP)	邻苯二甲酸丁基苄酯 (BBP)	85-68-7	GC-MS	0.01
4	Bis[2-ethyl(hexyl)phthalate] (DEHP)	邻苯二甲酸二(2-乙基己基)酯(DEHP)	117-81-7	GC-MS	0.01
5	Bis(tributyltin)oxide (TBTO) *	双三丁基氧化锡 (TBTO) *	56-35-9	GC-MS	0.01
6	Cobalt dichloride*	二氯化钴*	7646-79-9	ICP-OES	0.01
7	Diarsenic pentaoxide*	五氧化二砷*	1303-28-2	ICP-OES	0.01
8	Diarsenic trioxide*	三氧化二砷*	1327-53-3	ICP-OES	0.01
9	Dibutyl phthalate (DBP)	邻苯二甲酸二丁酯 (DBP)	84-74-2	GC-MS	0.01
10	4, 4'-Diaminodiphenylmethane	4, 4' - 二氨基二苯甲烷	101-77-9	GC-MS	0.01
11	5-tert-butyl-2,4,6-trinitrom-xylene (Musk xylene)	二甲苯麝香	81-15-2	GC-MS	0.01
12	Hexabromocyclododecane (HBCDD) and diastereoisomers ( $\alpha$ -HBCDD, $\beta$ -HBCDD, $\gamma$ -HBCDD)	六溴环十二烷 (HBCDD)及其非对映异构体 ( $\alpha$ -HBCDD, $\beta$ -HBCDD, $\gamma$ -HBCDD)	25637-99-4, 3194-55-6(134237-50-6,134237-51-7,134237-52-8)	GC-MS	0.01
13	Lead hydrogen arsenate*	砷酸氢铅*	7784-40-9	ICP-OES	0.01
14	Sodium dichromate*	重铬酸钠*	7789-12-0 10588-01-9	ICP-OES/ UV-Vis	0.01
15	Triethyl arsenate*	三乙基砷酸酯*	15606-95-8	ICP-OES	0.01
16	<sup>①</sup> Anthracene oil	<sup>①</sup> 蒽油	90640-80-5	GC-MS	0.01
17	<sup>①</sup> Anthracene oil, anthracene paste, distn. lights****	<sup>①</sup> 蒽油, 蒽糊, 轻油****	91995-17-4	GC-MS	0.01

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	设备 Equipment(s)	报告限值 RL (%)
	英文名称 English name	中文名称 Chinese name			
18	①Anthracene oil, anthracene paste, anthracene fraction****	①蒽油, 蒽糊, 蒽馏分****	91995-15-2	GC-MS	0.01
19	①Anthracene oil, anthracene-low	①蒽油, 低蒽量	90640-82-7	GC-MS	0.01
20	①Anthracene oil, anthracene paste	①蒽油, 蒽糊	90640-81-6	GC-MS	0.01
21	①Coal tar pitch, high temperature	①煤沥青, 高温	65996-93-2	GC-MS	0.01
22	Acrylamide	丙烯酰胺	79-06-1	GC-MS	0.01
23	2,4-Dinitrotoluene	2, 4-二硝基甲苯	121-14-2	GC-MS	0.01
24	Diisobutyl phthalate(DIBP)	邻苯二甲酸二异丁酯 (DIBP)	84-69-5	GC-MS	0.01
25	②Lead chromate	②铬酸铅	7758-97-6	ICP-OES/ UV-Vis	0.01
26	②Lead chromate molybdate Sulphate red (C.I. Pigment Red 104) ***	②红 104 颜料中的钼酸铅, 铬酸铅, 硫酸铅***	12656-85-8	ICP-OES/ UV-Vis	0.01
27	②Lead sulfochromate yellow(C.I. Pigment Yellow 34) ***	②黄 34 颜料硫代铬酸铅***	1344-37-2	ICP-OES/ UV-Vis	0.01
28	Tris(2-chloroethyl) phosphate	三(2-氯乙基)磷酸酯	115-96-8	GC-MS	0.01
29	Trichloroethylene	三氯乙烯	79-01-6	GC-MS	0.01
30	Boric acid*	硼酸*	10043-35-3/ 11113-50-1	ICP-OES	0.01
31	②Disodium tetraborate, anhydrous*****	②无水四硼酸钠*****	1330-43- 4,12179-04- 3,1303-96-4	ICP-OES	0.01
32	②Tetraboron disodium heptaoxide, hydrate*****	②七水合四硼酸钠*****	12267-73-1	ICP-OES	0.01
33	Sodium chromate*	铬酸钠*	7775-11-3	ICP-OES/ UV-Vis	0.01
34	Potassium chromate*	铬酸钾*	7789-00-6	ICP-OES/ UV-Vis	0.01
35	Ammonium dichromate*	重铬酸铵*	7789-09-5	ICP-OES/ UV-Vis	0.01
36	Potassium dichromate*	重铬酸钾*	7778-50-9	ICP-OES/ UV-Vis	0.01

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序号 No.	物质名称 Substance Name		CAS 号 CAS No.	设备 Equipment(s)	报告限值 RL (%)
	英文名称 English name	中文名称 Chinese name			
37	Cobalt(II) sulphate*	硫酸钴*	10124-43-3	ICP-OES	0.01
38	Cobalt(II) dinitrate*	硝酸钴*	10141-05-6	ICP-OES	0.01
39	Cobalt(II) carbonate*	碳酸钴*	513-79-1	ICP-OES	0.01
40	Cobalt(II) diacetate*	乙酸钴*	71-48-7	ICP-OES	0.01
41	2-Methoxyethanol	乙二醇单甲醚	109-86-4	GC-MS	0.01
42	2-Ethoxyethanol	乙二醇单乙醚	110-80-5	GC-MS	0.01
43	Chromium trioxide*	铬酸酐*	1333-82-0	ICP-OES/ UV-Vis	0.01
44	①Acids generated from chromium trioxide and their oligomers: Chromium acid*	①铬酸酐产生的低聚物: 铬酸*	7738-94-5	ICP-OES/ UV-Vis	0.01
	①Dichromium acid	①重铬酸	13530-68-2		
	①Oligomers of chromic acid and dichromic acid	①铬酸和重铬酸的低聚物	--		
45	2-ethoxyethylacetate	乙二醇乙醚醋酸酯	111-15-9	GC-MS	0.01
46	①1,2-Benzenedicarboxylic acid, di-C7-11 branched and linear alkyl esters (DHNUP)	①1, 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)	68515-42-4	GC-MS	0.01
47	Hydrazine	水合肼	7803-57-8	UV-Vis	0.01
48	1-methyl-2-pyrrolidone	1-甲基-2-吡咯烷酮	872-50-4	GC-MS	0.01
49	1,2,3-trichloropropane	1, 2, 3-三氯丙烷	96-18-4	GC-MS	0.01
50	①1, 2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	①邻苯二甲酸二 C6-8 支链烷基酯(富 C7) (DIHP)	71888-89-6	GC-MS	0.01
51	Strontium chromate*	铬酸锶*	7789-06-2	ICP-OES/ UV-Vis	0.01
52	Dichromium tris(chromate) *	铬酸铬*	24613-89-6	ICP-OES / UV-Vis	0.01
53	Potassium hydroxyoctaoxodizincate di- chromate*	氢氧化铬酸锌钾*	11103-86-9	ICP-OES	0.01

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	设备 Equipment(s)	报告限值 RL (%)
	英文名称 English name	中文名称 Chinese name			
54	Pentazinc chromate octahydroxide*	锌黄(C.I.颜料黄 36) *	49663-84-5	ICP-OES/ UV-Vis	0.01
55	<sup>②</sup> Aluminosilicate, Refractory Ceramic Fibres ( RCF) **	<sup>②</sup> 铝硅酸盐, 难熔陶瓷纤维 **	--	ICP-OES	0.01
56	<sup>②</sup> Zirconia Aluminosilicate, Refractory Ceramic Fibres (Zr-RCF) **	<sup>②</sup> 铝硅酸锆, 难熔陶瓷纤维 **	--	ICP-OES	0.01
57	<sup>①</sup> Formaldehyde, oligomeric reaction products with aniline (technical MDA) ▲	<sup>①</sup> 甲醛苯胺共聚物▲	25214-70-4	GC-MS	0.01
58	Bis(2-methoxyethyl) phthalate	邻苯二甲酸二甲氧乙酯	117-82-8	GC-MS	0.01
59	2-Methoxyaniline; o-Anisidine	邻氨基苯甲醚	90-04-0	GC-MS	0.01
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	对特辛基苯酚	140-66-9	GC-MS	0.01
61	1,2-Dichloroethane	1, 2-二氯乙烷	107-06-2	GC-MS	0.01
62	Bis(2-methoxyethyl) ether	二乙二醇二甲醚	111-96-6	GC-MS	0.01
63	Arsenic acid*	砷酸*	7778-39-4	ICP-OES	0.01
64	Calcium arsenate*	砷酸钙*	7778-44-1	ICP-OES	0.01
65	Trilead diarsenate*	砷酸铅*	3687-31-8	ICP-OES	0.01
66	N,N-dimethylacetamide (DMAC)	N, N-二甲基乙酰胺	127-19-5	GC-MS	0.01
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	4, 4' -亚甲基双-2-氯苯胺	101-14-4	GC-MS	0.01
68	Phenolphthalein	酚酞	77-09-8	GC-MS	0.01
69	Lead azide Lead diazide*	叠氮化铅*	13424-46-9	ICP-OES	0.01
70	Lead styphnate*	2, 4, 6-三硝基苯二酚铅*	15245-44-0	ICP-OES	0.01
71	Lead dipicrate*	苦味酸铅*	6477-64-1	ICP-OES	0.01
72	Methoxyethoxy ethane (TEGDME; triglyme)	三甘醇二甲醚	112-49-2	GC-MS	0.01

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	英文名称 English name	中文名称 Chinese name			
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether(EGDME)	乙二醇二甲醚	110-71-4	GC-MS	0.01
74	Diboron trioxide*	三氧化二硼*	1303-86-2	ICP-OES	0.01
75	Formamide	甲酰胺	75-12-7	GC-MS	0.01
76	Lead(II) bis(methanesulfonate) *	甲基磺酸铅*	17570-76-2	ICP-OES	0.01
77	1,3,5-tris (oxiranylmethyl) -1,3,5 - triazine-2,4,6 (1H,3H,5H)-trione (TGIC)	1, 3, 5-三缩水甘油-S-三 嗪三酮	2451-62-9	GC-MS	0.01
78	1,3,5-tris [(2Sand2R)-2,3 -epoxypropyl] -1,3,5- triazine-2,4,6- (1H,3H,5H)-trione (β- TGIC)	异氰脲酸 B-三缩水甘油酯	59653-74-6	GC-MS	0.01
79	4,4'-bis (dimethylamino) benzophenone (Michler's ketone)	4, 4'-二(N, N-二甲氨基) 二苯甲酮	90-94-8	GC-MS	0.01
80	N,N,N',N'-tetramethyl- 4,4'-methylenedianiline (Michler's base)	4, 4'-(对二甲氨基)二苯基 甲烷	101-61-1	GC-MS	0.01
81	[4-[[4-anilino-1- naphthyl][4- (dimethylamino)phenyl] methylene]cyclohexa- 2,5-dien-1-ylidene] dimethylammonium chloride(C.I. Basic Blue 26) ***	碱性蓝 26***	2580-56-5	LC-MS/MS	0.01

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	设备 Equipment(s)	报告限值 RL (%)
	英文名称 English name	中文名称 Chinese name			
82	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride(C.I. Basic Violet 3) ***	结晶紫***	548-62-9	LC-MS/MS	0.01
83	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	$\alpha$ , $\alpha$ -二[(二甲氨基)苯基]-4-甲氨基苯甲醇	561-41-1	GC-MS	0.01
84	$\alpha$ , $\alpha$ -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) ***	溶剂蓝 4***	6786-83-0	LC-MS/MS	0.01
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	十溴联苯醚	1163-19-5	GC-MS	0.01
86	Pentacosafuorotridecanoic acid	全氟十三烷酸	72629-94-8	LC-MS/MS	0.01
87	Tricosafuorododecanoic acid	全氟十二烷酸	307-55-1	LC-MS/MS	0.01
88	Henicosafuoroundecanoic acid	全氟十一烷酸	2058-94-8	LC-MS/MS	0.01
89	Heptacosafuorotetradecanoic acid	全氟十四烷酸	376-06-7	LC-MS/MS	0.01
90	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	偶氮二甲酰胺	123-77-3	GC-MS	0.01

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	设备 Equipment(s)	报告限值 RL (%)
	英文名称 English name	中文名称 Chinese name			
91	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3], [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans- isomers [1] are covered by this entry]	六氢邻苯二甲酸酐, 包括该物质的左旋、右旋单体以及所有左、右旋的组合	85-42-7, 13149-00-3, 14166-21-3	GC-MS	0.01
92	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	甲基六氢苯酐、4-甲基六氢苯酐、甲基六氢化邻苯二甲酸酐、3-甲基六氢苯二甲酯酐	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	GC-MS	0.01

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	设备 Equipment(s)	报告限值 RL (%)
	英文名称 English name	中文名称 Chinese name			
93	①4-Nonylphenol, branched and linear[substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	①分支或线性的壬基酚，含有线性或分支、共价绑定苯酚的9个碳烷基链的物质，包括UVCB物质以及任何含有独立或组合的界定明确的同分异构体的物质	--	LC-MS/MS	0.01
94	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well- defined substances and UVCB substances, polymers and homologues]	辛基酚聚醚-9，包括界定明确的物质以及UVCB物质、聚合物和同系物	--	LC-MS/MS	0.01
95	Methoxyacetic acid	甲氧基乙酸	625-45-6	GC-MS	0.01
96	N,N-dimethylformamide	N,N-二甲基甲酰胺	68-12-2	GC-MS	0.01
97	Dibutyltin dichloride (DBTC) *	二丁基二氯化锡*	683-18-1	GC-MS	0.01
98	Lead monoxide (Lead oxide) *	氧化铅*	1317-36-8	ICP-OES	0.01
99	Orange lead (Lead tetroxide) *	四氧化三铅*	1314-41-6	ICP-OES	0.01
100	Lead bis(tetrafluoroborate) *	四氟硼酸铅*	13814-96-5	ICP-OES	0.01
101	Trilead bis(carbonate) dihydroxide*	碱式碳酸铅*	1319-46-6	ICP-OES	0.01
102	Lead titanium trioxide*	钛酸铅*	12060-00-3	ICP-OES	0.01
103	Lead titanium zirconium oxide*	钛酸铅锆*	12626-81-2	ICP-OES	0.01
104	Silicic acid, lead salt*	硅酸铅*	11120-22-2	ICP-OES	0.01

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	设备 Equipment(s)	报告限值 RL (%)
	英文名称 English name	中文名称 Chinese name			
105	Silicic acid (H <sub>2</sub> SiO <sub>5</sub> ), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008] *	含有铅的硅酸和钡盐 1:1 的物质*	68784-75-8	ICP-OES	0.01
106	1-bromopropane (n-propyl bromide)	溴代正丙烷	106-94-5	GC	0.01
107	Methyloxirane (Propylene oxide)	环氧丙烷	75-56-9	GC	0.01
108	<sup>①</sup> 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	<sup>①</sup> 支链和直链 1, 2-苯二羧二戊酯	84777-06-0	GC-MS	0.01
109	Diisopentylphthalate (DIPP)	邻苯二甲酸二异戊酯	605-50-5	GC-MS	0.01
110	N-pentyl-isopentylphthalate	邻苯二甲酸正戊基异戊基酯	776297-69-9	GC-MS	0.01
111	1,2-diethoxyethane	乙二醇二乙醚	629-14-1	GC-MS	0.01
112	Acetic acid, lead salt, basic*	乙酸铅*	51404-69-4	ICP-OES	0.01
113	Lead oxide sulfate*	碱式硫酸铅*	12036-76-9	ICP-OES	0.01
114	[Phthalato(2-)]dioxotrilead*	二盐基邻苯二甲酸铅*	69011-06-9	ICP-OES	0.01
115	Dioxobis(stearato)trilead*	双(十八烷基)二氧化三铅*	12578-12-0	ICP-OES	0.01
116	Fatty acids, C16-18, lead salts*	C16-18-脂肪酸铅盐*	91031-62-8	ICP-OES	0.01
117	Lead cyanamidate*	氨基氰铅盐*	20837-86-9	ICP-OES	0.01
118	Lead dinitrate*	硝酸铅*	10099-74-8	ICP-OES	0.01

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	英文名称 English name	中文名称 Chinese name			
119	Pentalead tetraoxide sulphate*	氧化铅与硫酸铅的复合物*	12065-90-6	ICP-OES	0.01
120	Pyrochlore, antimony lead yellow*	颜料黄 41*	8012-00-8	ICP-OES	0.01
121	Sulfurous acid, lead salt, dibasic*	二碱式亚硫酸铅*	62229-08-7	ICP-OES	0.01
122	Tetraethyl lead*	四乙基铅*	78-00-2	ICP-OES	0.01
123	Tetralead trioxide sulphate*	三盐基硫酸铅*	12202-17-4	ICP-OES	0.01
124	Trilead dioxide phosphonate*	二碱式亚磷酸铅*	12141-20-7	ICP-OES	0.01
125	Furan	呋喃	110-00-9	GC	0.01
126	Diethyl sulphate	硫酸二乙酯	64-67-5	GC	0.01
127	Dimethyl sulphate	硫酸二甲酯	77-78-1	GC	0.01
128	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	3-乙基-2-甲基-2-(3-甲基丁基)恶唑烷	143860-04-2	GC-MS	0.01
129	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	二硝丁酚	88-85-7	GC-MS	0.01
130	4,4'-methylenedi-o-toluidine	4,4'-二氨基-3,3'-二甲基二苯甲烷	838-88-0	GC-MS	0.01
131	4,4'-oxydianiline and its salts	4,4'-二氨基二苯醚	101-80-4	GC-MS	0.01
132	4-aminoazobenzene	4-氨基苯甲酯	60-09-3	GC-MS	0.01
133	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	2,4-二氨基甲苯	95-80-7	GC-MS	0.01
134	6-methoxy-m-toluidine (p-cresidine)	2-甲氧基-5-甲基苯胺	120-71-8	GC-MS	0.01
135	Biphenyl-4-ylamine	4-氨基联苯	92-67-1	GC-MS	0.01
136	o-aminoazotoluene [(4-o-tolylazo-o-toluidine)]	邻氨基偶氮甲苯	97-56-3	GC-MS	0.01
137	o-toluidine	邻甲基苯胺	95-53-4	GC-MS	0.01
138	N-methylacetamide	N-甲基乙酰胺	79-16-3	GC-MS	0.01
139	Cadmium	镉	7440-43-9	ICP-OES	0.01
140	Ammonium pentadecafluorooctanoate (APFO)	全氟辛酸铵(APFO)	3825-26-1	LC-MS	0.01

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序号 No.	物质名称 Substance Name		CAS 号 CAS No.	设备 Equipment(s)	报告限值 RL (%)
	英文名称 English name	中文名称 Chinese name			
141	Pentadecafluorooctanoic acid (PFOA)	全氟辛酸(PFOA)	335-67-1	LC-MS	0.01
142	Dipentyl phthalate (DPP)	邻苯二甲酸二戊酯(DPP)	131-18-0	GC-MS	0.01
143	<sup>①</sup> 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]	<sup>①</sup> 支链及直链乙氧基壬基酚-包括含有 9 个碳烷基链及所有含有含直链或支链之 9 个碳烷基链 UVCB 物质、聚合物及同系物, 包括独立同分异构物及复合物	--	GC-MS	0.01
144	Cadmium oxide*	氧化镉*	1306-19-0	ICP-OES	0.01
145	Cadmium sulphide *	硫化镉*	1306-23-6	ICP-OES	0.01
146	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) ***	直接黑 38***	1937-37-7	LC-MS/MS	0.01
147	Dihexyl phthalate	邻苯二甲酸二己酯	84-75-3	GC-MS	0.01
148	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	1,2-亚乙基硫脲	96-45-7	GC-MS	0.01
149	<sup>①</sup> Trixylyl phosphate	<sup>①</sup> 磷酸三(二甲苯)酯	25155-23-1	GC-MS	0.01
150	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)] bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red28) ***	刚果红(直接红 28) ***	573-58-0	LC-MS/MS	0.01
151	Lead di(acetate) *	醋酸铅*	301-04-2	ICP-OES	0.01

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152	<sup>①</sup> 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	<sup>①</sup> 邻苯二甲酸二己酯 (包括直链和支链)	68515-50-4	GC-MS	0.01
153	Cadmium chloride *	氯化镉*	10108-64-2	ICP-OES	0.01
154	<sup>②</sup> Sodium perborate ;perboric acid, sodium salt *****	<sup>②</sup> 过硼酸钠(四水) ; 过硼酸钠(一水) *****	15120-21-5 11138-47-9	ICP-OES	0.01
155	<sup>②</sup> Sodium peroxometaborate *****	<sup>②</sup> 过硼酸钠*****	7632-04-4	ICP-OES	0.01
156	Cadmium fluoride*	氟化镉*	7790-79-6	ICP-OES	0.01
157	Cadmium sulphate*	硫酸镉*	10124-36-4; 31119-53-6	ICP-OES	0.01
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	2-(2'-羟基-3',5'-二叔丁基苯基)-苯并三唑(UV-320)	3846-71-7	GC-MS	0.01
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	2-(2H-苯并三唑-2-基)-4,6-二叔戊基苯酚 (UV328)	25973-55-1	GC-MS	0.01
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) *	二正辛基-双(巯乙酸 2-乙基己酯)锡(DOTE) *	15571-58-1	GC-MS	0.01
161	<sup>①</sup> Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	<sup>①</sup> 二正辛基-双(巯乙酸 2-乙基己酯)锡(DOTE)和三(2-乙基己基巯基乙酸)辛锡(MOTE)的反应物料	--	GC-MS	0.01

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162	①1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	①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且邻苯二甲酸二己酯 (EC 号 201-559-5) 含量 ≥ 0.3%	68515-51-5, 68648-93-1	GC-MS	0.01
163	①5-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]	2-(2,4-二甲基-3-环己基)-5-甲基-5-(1-甲基丙基)-1,3-二氧恶烷[1] 2-(4,6-二甲基-3-环己基)-5-甲基-5-(1-甲基丙基)-1,3-二氧恶烷[2] 及这两个物质的任意组合 (卡拉花醛及其同分异构体, 还包括卡拉花醛和其同分异构体的任意组合)	117933-89-8	GC-MS	0.01
164	1,3-propanesultone	1,3-丙烷磺内酯	1120-71-4	GC-MS	0.01
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol(UV-327)	2,4-二叔丁基-6-(5-氯-2H-苯并三唑-2-基)苯酚(UV-327)	3864-99-1	GC-MS	0.01
166	32-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	2-(2'-羟基-3'-异丁基-5'-叔丁基苯基)苯并三唑(UV-350)	36437-37-3	GC-MS	0.01
167	Nitrobenzene	硝基苯	98-95-3	GC-MS	0.01
168	Perfluorononan-1-oic acid(2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-heptadecafluorononanoic acid and its sodium and ammonium salts	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	375-95-1, 21049-39-8, 4149-60-4	LC-MS/MS	0.01
169	Benzo [def] chrysene	苯并芘	50-32-8	GC-MS	0.01
170	4,4'-siopropylidenediphenol(bisphenol A)	4,4'-亚异丙基二酚 (双酚 A)	80-05-7	LC-MS/MS	0.01

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171	Nonadecafluorodecanoic acid(PFDA) and its sodium and ammonium salts	全氟癸酸 (PFDA) 及其钠盐和铵盐	335-76-2	GC-MS	0.01
172	<sup>①</sup> 4-heptylphenol, branched and linear(4-HPbl)	<sup>①</sup> 4-庚基苯酚, 直链和支链 [苯酚的 4 号位被碳原子数为 7 的烷基取代的产物, 包括 UVCB-、所有单一同分异构体及其组合]	--	GC-MS	0.01
173	4-tert-pentylphenol(PTAP)	对叔戊基苯酚	80-46-6	GC-MS	0.01
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	全氟己基磺酸及其盐类 (PFHxs)	355-46-4	LC-MS/MS	0.01
175	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" <sup>TM</sup> ) covering any of its individual anti- and syn-isomers or any combination thereof	德克隆[包括所有反式和顺式异构体及其组合]	--	LC-MS/MS	0.01
176	Benz[a]anthracene*	苯并[a]蒽*	56-55-3, 1718-53-2	LC-MS/MS	0.01
177	Cadmium carbonate*	硝酸镉*	513-78-0	LC-MS/MS	0.01
178	Cadmium hydroxide*	碳酸镉*	21041-95-2	LC-MS/MS	0.01
179	Cadmium nitrate*	氢氧化镉*	10022-68-1, 10325-94-7	LC-MS/MS	0.01
180	Chrysene	氘代屈	218-01-9, 1719-03-5	LC-MS/MS	0.01
181	<sup>①</sup> Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear (4-HPbl)	<sup>①</sup> 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 $\geq 0.1\%$ w/w]	--	LC-MS/MS	0.01

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序号 No.	物质名称 Substance Name		CAS 号 CAS No.	设备 Equipment(s)	报告限值 RL (%)
	英文名称 English name	中文名称 Chinese name			
182	Octamethyl cyclotetrasiloxane(D4)	八甲基环四硅氧烷(D4)	556-67-2	LC-MS/MS	0.01
183	Decamethylcyclopentasiloxane(D5)	十甲基环戊硅氧烷(D5)	541-02-6	LC-MS/MS	0.01
184	Dodecamethylcyclohexasiloxane(D6)	十二甲基环己硅氧烷(D6)	540-97-6	LC-MS/MS	0.01
185	Lead	铅	7439-92-1	ICP-OES	0.01
186	Disodium octaborate *tetrahydrate	四水八硼酸二钠*	12008-41-2	LC-MS/MS	0.01
187	Benzopyrene(G,H,I)	苯并[G,H,I]芘	191-24-2	LC-MS/MS	0.01
188	<sup>①</sup> Hydrogenated terphenyls	<sup>①</sup> 氢化三联苯	61788-32-7	LC-MS/MS	0.01
189	Ethylenediamine(EDA)	乙二胺(EDA)	107-15-3	LC-MS/MS	0.01
190	Trimellitic anhydride(TMA)	偏苯三酸酐 (TMA)	552-30-7	LC-MS/MS	0.01
191	Cyclohexyl phthalate(DCHP)	邻苯二甲酸二环己酯 (DCHP)	84-61-7	LC-MS/MS	0.01
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	2,2-双(4-羟基苯基)-4-甲基戊烷	6807-17-6	GC-MS	0.01
193	Benzo(k)fluoranthene	苯并(K)荧蒽	207-08-9	GC-MS	0.01
194	Fluoranthene	荧蒽	206-44-0	GC-MS	0.01
195	Phenanthrene	菲	85-01-8	GC-MS	0.01
196	Pyrene	芘	129-00-0	GC-MS	0.01
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo(2.2.1)heptan-2-one	1,7,7-三甲基-3-(苯基亚甲基)双环(2.2.1)庚烷-2-酮	15087-24-8	GC-MS	0.01
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	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)	--	GC-MS	0.01
199	2-methoxyethyl acetate	2-甲氧基乙酸乙酯	110-49-6	GC-MS	0.01
200	4-tert-butylphenol	4-叔丁基苯酚	98-54-4	GC-MS	0.01
201	tris(4-nonylphenyl, branched) phosphite	亚磷酸三(4-壬基苯基, 支链)酯	--	GC-MS	0.01
202	Perfluorobutane sulfonic acid(PFBS) and its salts	全氟丁烷磺酸(PFBS)及其盐	--	GC-MS	0.01

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	英文名称 English name	中文名称 Chinese name			
203	Diisohexyl phthalate	邻苯二甲酸二异己酯	276-090-2/71850-09-4	GC-MS	0.01
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	2-甲基-1-(4-甲硫基苯基)-2-吗啉基-1-丙酮	400-600-6/71868-10-5	GC-MS	0.01
205	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	2-苄基-2-二甲基氨基-4'-吗啉基苯基丁酮	404-360-3/119313-12-1	GC-MS	0.01
206	1-vinylimidazole	1-乙烯基咪唑	1072-63-5	GC-MS	0.01
207	2-methylimidazole	2-甲基咪唑	693-98-1	GC-MS	0.01
208	Butyl 4-hydroxybenzoate	对羟基苯甲酸丁酯	94-26-8	GC-MS	0.01
209	Dibutyldis(pentane-2,4-dionato-O,O')tin*	双(乙酰丙酮酸)二丁基锡*	22673-19-4	GC-MS	0.01
210	Bis(2-(2-methoxyethoxy)ethyl) ether	四乙二醇二甲醚	143-24-8	GC-MS	0.01
211	Diocetyl tin dilaurate; stannane, dioctyl-, bis(cocoacyloxy)derivs; and any other stannane, dioctyl-, bis(fattyacyloxy)derivs, wherein C12 is the predominant carbon number of the fatty acyloxy moiety*	二月桂酸二辛基锡; 锡烷, 二辛基, 双(椰油酰氧基)衍生物; 以及其他任何锡烷, 二辛基, 双(脂肪酰氧基)衍生物, 其中脂肪酰氧基团的主要碳原子数为 12*	--	GC-MS	0.01
212	1,4-dioxane	1,4-二噁烷	123-91-1	GC-MS	0.01
213	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)	2,2-双(溴甲基)-1,3-丙二醇三溴新戊醇/3-溴-2,2-二(溴甲基)丙醇 2,3-二溴丙醇	3296-90-0 36483-57-5 1522-92-5 96-13-9	LC-MS/MS	0.01

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	设备 Equipment(s)	报告限值 RL (%)
	英文名称 English name	中文名称 Chinese name			
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	2-(4-叔丁基苄基)丙醛及其立体异构体	-	LC-MS/MS	0.01
215	4,4'-(1-methylpropylidene) bisphenol; (bisphenol B) (BPB)	双酚 B	77-40-7	LC-MS/MS	0.01
216	Glutaral	戊二醛	111-30-8	LC-MS/MS	0.01
217	<sup>①</sup> 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]	<sup>①</sup> 中链氯化石蜡(UVCB 物质, 由≥80%的直链氯代烷烃组成, 碳链长度在 C14 到 C17 之间)	-	GC-MS	0.01
218	Orthoboric acid, sodium salt *	硼酸钠*	13840-56-7	ICP-OES	0.01
219	<sup>①</sup> Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	<sup>①</sup> 烷基酚, 碳链(C12 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	-	GC-MS	0.01
220	2,2'-Methylenebis(6-tert-butyl-4-methylphenol)	2,2'-亚甲基双-(4-甲基-6-叔丁基苯酚)	119-47-1 (204-327-1)	GC-MS	0.01
221	Vinyl tris(2-methoxyethoxy) silane	乙烯基三(2-甲氧基乙氧基)硅烷	1067-53-4 (213-934-0)	GC	0.01

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	设备 Equipment(s)	报告限值 RL (%)
	英文名称 English name	中文名称 Chinese name			
222	(±) - 1,7,7-trimethyl-3 - [(4-methylphenyl) methylene] bicyclo [2.2.1] heptyl-2-one, including individual isomers and / or combinations thereof (4-MBC)	(±)-1,7,7-三甲基-3-[(4-甲基苯基)亚甲基]二环 [2.2.1]庚-2-酮, 包括各个异构体和/或其组合 (4-MBC)	-	GC-MS	0.01
223	S- (tricyclo[5.2.1.0' <sup>2</sup> ,6]deca -3-en-8(or 9)-yl O- (isopropyl or isobutyl or 2-ethylhexyl) O- (isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	S-(三环[5.2.1.0' <sup>2</sup> ,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	255881-94-8 (401-850-9)	GC-MS	0.01
224	N- (Hydroxymethyl)acrylamide	N-羟甲基丙烯酰胺	924-42-5	GC-MS	0.01
225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	1,2-二(2,4,6-三溴苯氧基)乙烷 1,1'	37853-59-1	GC-MS	0.01
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	四溴双酚 A	79-94-7	GC-MS	0.01
227	4,4'-sulphonyldiphenol	双酚 S	80-09-1	LC-MS/MS	0.01
228	Barium diboron tetraoxide	偏硼酸钡	13701-59-2	ICP-OES	0.01
229	Bis(2-ethylhexyl)tetrabromophthalate covering any of the individual isomers and/or combinations thereof	3,4,5,6-四溴-1,2-苯二羧酸双(2-乙基己基)酯, 包括任何单独的异构体和/或其组合 单独的异构体和/或其组合	--	GC-MS	0.01
230	Isobutyl 4-hydroxybenzoate	4-羟基苯甲酸 2-甲基丙酯	4247-02-3	GC-MS	0.01
231	Melamine	三聚氰胺	108-78-1	HPLC	0.01
232	Perfluoroheptanoic acid and its salts	全氟庚酸及其盐	--	GC-MS	0.01

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	设备 Equipment(s)	报告限值 RL (%)
	英文名称 English name	中文名称 Chinese name			
233	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	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烷-4-(七氟丙基)吗啉的反应物料	--	GC-MS	0.01
234	Bis(4-chlorophenyl) sulphone	4,4'-二氯二苯砜	80-07-9	HPLC/ LC-MS/MS	0.01
235	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	二苯基(2,4,6-三甲基苯甲酰基)氧化膦	75980-60-8	LC-MS/MS / GC-MS	0.01
236	2,4,6-tri-tert-butylphenol (2,4,6-TTBP)	2,4,6-三叔丁基苯酚(2,4,6-TTBP)	732-26-3 / 211-989-5	LC-MS/MS / GC-MS	0.01
237	2-(2H-benzotriazo1-2-y)-4-(1,1,3,3-tetramethylbutyl)phenol	2-[2-羟基-5-(1,1,3,3-四甲基)苯基]苯并三唑 (UV-329)	3147-75-9 / 221-573-5	LC-MS/MS / GC-MS	0.01
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4yl)phenyl]butan-1-one	2-(4-甲基苄基)-2-(二甲基氨基)-1-(4-吗啉苯基)-1-丁酮	119344-86-4 / 438-340-0	LC-MS/MS / GC-MS	0.01
239	Bumetrizole (UV-326)	2-(5-氯-2H-苯三唑-2-基)-6-(1,1-二甲基乙基)-4-甲基苯酚 (UV-326)	3896-11-5 / 223-445-4	LC-MS/MS / GC-MS	0.01
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol(OAPP)	2-苯基丙烯与苯酚的低聚和烷基化反应产物	--	LC-MS/MS / GC-MS	0.01
241	Bis(α,α-dimethylbenzyl) peroxide	过氧化二异丙苯	80-43-3	GC-MS	0.01
242	Triphenyl phosphate	磷酸三苯酯	115-86-6	GC-MS	0.01
243	Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	三苯基硫代磷酸盐和叔丁基化苯基衍生物反应物	192268-65-8	GC-MS	0.01

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序号 No.	物质名称 Substance Name		CAS 号 CAS No.	设备 Equipment(s)	报告限值 RL (%)
	英文名称 English name	中文名称 Chinese name			
244	6-[(C10-C13)-alkyl-(branched,unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	6-[(C10-C13)-烷基-(支链, 不饱和)-2.5-二氧代吡咯烷-1-基]己酸	2156592-54-8	GC-MS	0.01
245	0.0.0-triphenyl phosphorothioate	O, O, O-硫代磷酸三苯酯	597-82-0	GC-MS	0.01
246	Perfluamine	全氟三丙胺	338-83-0	GC-MS	0.01
247	Octamethyltrisiloxane	八甲基三硅氧烷	107-51-7	GC-MS	0.01

### 7. 其他物质候选清单 Candidate List of other substances:

序号 No.	物质名称 Substance Name	中文名称 Chinese name	CAS 号 CAS No.	设备 Equipment(s)	报告限值 RL(%)
1	Resorcinol	间苯二酚	108-46-3	GC-MS	0.01
2	Decamethyltetrasiloxane	十甲基四硅氧烷	205-491-7	GC-MS	0.01
3	1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane	1,1,1,3,5,5,5-七甲基-3-[(三甲基甲硅烷基)氧基]三硅氧烷	241-867-7	GC-MS	0.01
4	Reactive Brown 51	活性棕 51	466-490-7	UV VIS	0.01
5	Dodecamethylpentasiloxane	十二甲基五硅氧烷	141-63-9	HPLC/LC-MS/MS	0.01
6	Hexamethyldisiloxane	六甲基二硅氧烷	107-46-0	GC-MS	0.01
7	N-Hexane	正己烷	110-54-3	GC-MS	0.01

**注释 Note:**

1) \*: 该物质的浓度值是由物质中的特征元素测试结果换算而来。

\*: Concentration value of the substance by the conversion from the test results of certain elements.

三丁基氧化锡(TBTO)、二丁基二氯化锡(DBTC)、二正辛基-双(巯乙酸 2-乙基己酯)锡(DOTE)、二正辛基-双(巯乙酸 2-乙基己酯)锡(DOTE) 和三(2-乙基己基巯基乙酸)辛锡(MOTE)的反应物料、双(乙酰丙酮酸)二丁基锡、[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 为脂肪酰氧基部分的主要碳原子数]的浓度值是由其特定化合物(三丁基锡(TBT)、二丁基锡(DBT)、二辛基锡(DOT)、单辛基锡(MOT))的结果换算而来。

Concentration value of Bis(tributyltin)oxide(TBTO), Dibutyltin dichloride (DBTC), 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE), Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE), Dibutylbis(pentane-2,4-dionato-O,O')tin, [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] by the conversion from the test results of certain compounds (Tributyl Tins(TBT), Dibutyl Tins(DBT), Dioctyl Tins(DOT), Monoctyl Tins(MOT)).

2) \*\*: 在化学物质及其混合物的分类, 标记与包装法规, 即 CLP 法规(法规(EC)No 1272/2008)的附录 VI 中, 索引号 650-017-00-8 适用于所有的耐火陶瓷纤维材料。

\*\* : All refractory ceramic fibres are covered by index number 650-017-00-8 in Annex VI of the Regulation on Classification, Labeling and Packaging of chemical substances and mixtures, the so called CLP Regulation(Regulation (EC) No 1272/2008).

3) \*\*\*: 颜料索引号 C.I.: Color Index

4) \*\*\*\*: 蒸馏所分离出来的轻油部分 Light fractions from distillation

5) \*\*\*\*\*: 四硼酸钠, 无水和四硼酸钠, 水合物的浓度均由四硼酸钠浓度表示, 没有考虑结晶水。过硼酸钠, 水合物; 过硼酸钠盐和过硼酸钠, 污水的浓度均由过硼酸钠浓度表示, 没有考虑结晶水。

Concentration value of Disodium tetraborate, anhydrous and Tetraborate disodium heptaoxide, hydrate is evaluated by Disodium tetraborate, with no consider of the hydrate. Concentration value of Sodium perborate; perboric acid, sodium salt; Sodium peroxometaborate is evaluated by Sodium perborate, with no consider of the hydrate.

6) ▲: 甲醛与苯胺的低聚物的浓度值是由其特定化合物 (2,4-二氨基二苯甲烷, 4,4'-二氨基二苯甲烷, 2,2-二氨基二苯甲烷) 的结果换算而来。

Concentration value of Formaldehyde, oligomeric reaction products with aniline by the conversion from the test results of certain compounds( 2,4-Diaminodiphenylmethane, 4,4'- Diaminodiphenylmethane, 2,2-Diaminodiphenylmethane).

7) ①: 由于这些物质是 UVCB 物质(未知成分或可变成成分的, 复杂反应物或生物材料的物质), 由各种不同的成分组成, 所以这些物质的测试结果是由选定的具有代表性的物质的主要组成成分的测试结果换算而来的。当其测试结果 $\geq 0.1\%$  w/w 时, 对于该物质是否存在于样品中需核查相应物料的 MSDS 或向供应商进行确认。

In view of the substances are established as UVCB substances (substances of unknown or variable composition, complex reaction products or biological materials) consisting of different and variable constituents, the test results are calculated based on the main constituents of the representative compounds for substances. When the content of the representative substances is equal to or higher than 0.1% (w/w), the presence of the substance in the sample need to be further confirmed by checking MSDS or requesting from suppliers.

8) ② :由于此物质含有多种物质, 测试结果是基于此物质中最具有代表性的主要组成化合物的含量, 其主要组成化合物的测试结果是基于特征元素的浓度换算而来。

In view of the substance contain variable substances, the test results are calculated based on main constituents of the representative compounds for the substances, and the test results of the representative compounds are calculated based on the result of specified heavy metal elements.

9) 根据客户要求, 对样品进行混合测试, 测试结果不代表混合测试样品中任何一种单一材质的含量。

As specified by client, the test was conducted by mixing several samples together. The result(s) shown on this report may be different from the content of any homogeneous material.

#### 备注 Remark:

本报告中的数据结果供科研、教学、企业内部质量控制、企业产品研发等目的用。

The testing data and result(s) in this report is(are) just for scientific research, education, internal quality control and product development etc.

#### 附加信息 Appendix:

1) 根据欧盟 REACH 法规 (编号 1907/2006) 第 33 条款之规定, 物品类产品如果含有候选列表上的高度关注物质且在物品中的质量百分比超过 0.1%时, 物品供应方需履行相关信息传递义务:

Any supplier of an article containing a substance that is included in the Candidate List in a concentration above 0.1 % weight by weight (w/w) has the duty to communicate information in accordance with Article 33 of European Union regulation concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

a) 物品供应方应提供给接收方关于产品的足够信息以确保物品的安全使用, 至少需提供所含高度关注物质的名称。

Any supplier shall provide the recipient of the article with sufficient information to allow safe use of the article including, as a minimum, the name of that substance.

b) 应消费者请求, 物品供应方应在 45 天内免费提供关于产品的足够信息以确保物品的安全使用, 至少需提供所含高度关注物质的名称。

On request by a consumer any supplier shall provide the consumer with sufficient information to allow safe use of the article including, as a minimum, the name of that substance within 45 days of receipt of the request, free of charge.

2) 根据欧盟 REACH 法规 (编号 1907/2006) 第 31 条款及附件 2 之规定, 提供高度关注物质的物质类产品供应方, 应免费提供接收方该物质的安全数据表。

The supplier of a substance that is included in the Candidate List on their own shall provide the recipient of the substance with a safety data sheet for free compiled in accordance with Article 3 and Annex II of REACH.

3) 根据欧盟 REACH 法规 (编号 1907/2006) 第 31 条款及附件 2 之规定, 提供高度关注物质的物质类产品供应方, 应免费提供接收方该物质的安全数据表。

The supplier of a mixture that containing a substance that is included in the Candidate List shall exchange information in accordance with Article 31, Article 32, and Annex II of REACH.

a) 如果混合物产品按照 1999/45/EC 被判定为危险品时, 供应方应免费提供产品的安全数据表。

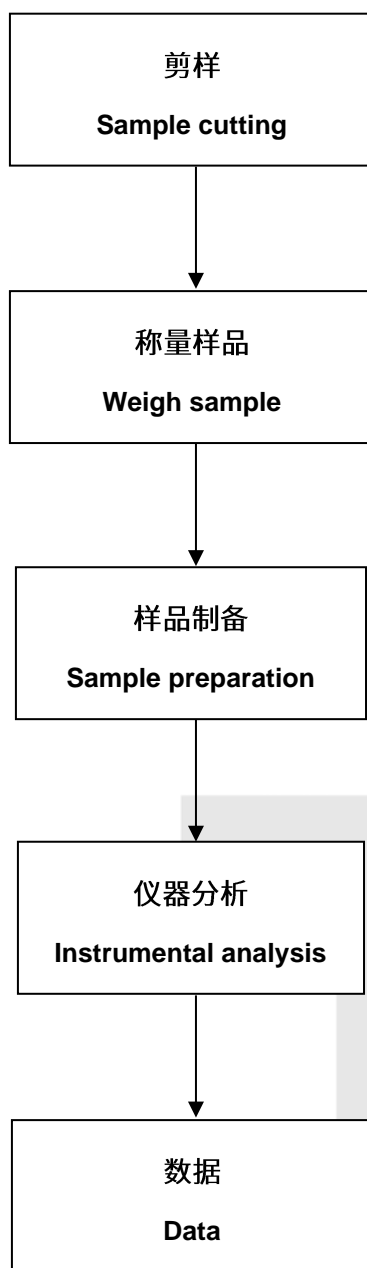
Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation meets the criteria for classification as dangerous in accordance with Directives 1999/45/EC.

b) 如果混合物产品按照 1999/45/EC 判定并非危险品，但是任一高度关注物质在非气体混合物中质量分数超过 0.1%或在气体混合物中体积分数超过 0.2%，供应方也应免费提供产品的安全数据表。

Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation does not meet the criteria for classification as dangerous in accordance with Directive 1999/45/EC, but contains any substance that is included in the Candidate List in an individual concentration of  $\geq 0.1\%$  by weight for non-gaseous mixtures or  $\geq 0.2\%$  by volume for gaseous mixtures.



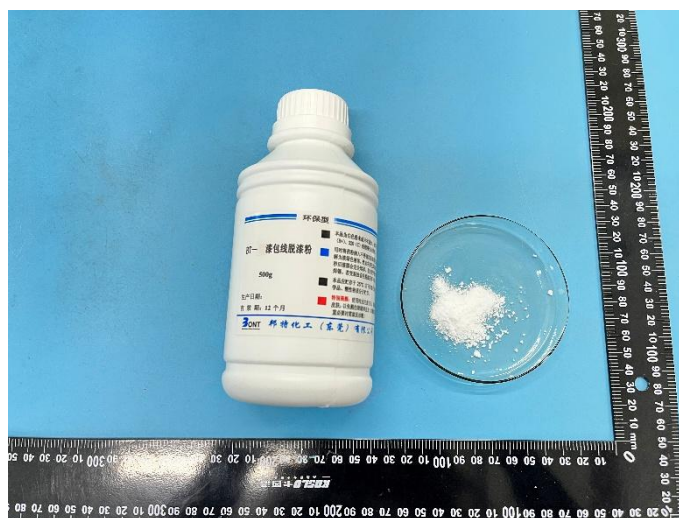
**检测流程 Test Process:**



8. 样品描述 Sample description

材料编号 Material No.	描述 Description
1	白色粉末 White powder

样品图片  
Photo of Sample



## 声明/Statement

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\*\*\*报告完\*\*\*

\*\*\*End of Report \*\*\*