检测报告(Test Report)

报告编号(Report No.)：WTH20H11090516C-2 日期(Date)：2020/12/8 页数(Page)：1 of 24

委托单位： 郑州比克电池有限公司
Applicant: Zhengzhou BAK Battery CO.,LTD
单位地址： 河南省郑州市中牟县郑庵镇刘巧村委
Address: LiuQiao Village Zheng An town Zhongmou county Zhengzhou city Henan P.R.China

样品信息(Sample Information)：
样品名称(Sample Name)： Cylindrical Lithium-ion Rechargeable Cell
样品描述(Sample Description)： Cylindrical Lithium-ion Rechargeable Cell
样品型号(Sample Model)： N18650CL-29-2900mAh
委托日期(Sample Received Date)： 2020/11/30
检测日期(Testing Period)： 2020/11/30 - 2020/12/5

检测结果(Test Result)： 请参见后续页(Please refer to following page(s).)。

检测要求(Test Requested)：	**结论(Conclusion)**
1. 根据客户要求，参照法规(EC) No 1907/2006 (REACH)，筛选 209 项高关注物质(SVHC)，物质清单为欧盟化学品管理局（ECHA）于 2020 年 6 月 25 日公布的清单(As specified by client, refer to EU Regulation (EC) No 1907/2006 (REACH), to screen Two hundred and nine (209) Substances of Very High Concern (SVHC) in the sample. The list is the one that is published by European Chemicals Administration (ECHA) on June 25, 2020.)。	合格(PASS)
2. 根据客户要求，筛选 2 项公众评议的高关注物质（SVHC），物质清单为欧盟化学品管理局（ECHA）于 2020 年 9 月 1 日公布的清单(As specified by client, to screen proposed Two(2) Substances of Very High Concern (SVHC) in the sample. The list is the one that is published by European Chemicals Administration (ECHA) on September 1, 2020.)。	合格(PASS)

备注(Remark):合格的意思是 209 项 SVHC 及 2 项公众评议 SVHC 的结果均小于 0.1%
(Pass means each result of 209 SVHC and proposed 2 SVHC is less than 0.1%.)。

授权签字人
Signed for and on behalf of HCT
michael Huang
Michael Huang

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检测报告(Test Report)

报告编号(Report No.)：WTH20H11090516C-2 日期(Date)：2020/12/8 页数(Page)：2 of 24

(SVHC)

检测方法(Test Method)：

HCT 内部方法 HCT/SZ-SOP-WJ-PI034，HCT/SZ-SOP-YJ-PI053;
采用 ICP-OES/GC-MS(HS)/HPLC-DAD-MS/IC/AAS/UV-VIS 分析。
(HCT In-house method HCT/SZ-SOP-WJ-PI034, HCT/SZ-SOP-YJ-PI053;
Analysis was performed by ICP-OES/GC-MS (HS)/HPLC-DAD-MS/ IC/AAS/UV-VIS.)

检测结果(Test Result(s))：

1. 物质清单中 SVHC 的检测结果(Test results of Substances in candidate list of SVHC) 单位(Unit)：%

批次 Batch	序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit	结果 Result(s)
十四 Fourteenth (14^{th})	167	1,3-丙烷磺内酯 1,3-propanesultone	1120-71-4	214-317-9	0.0100	0.0422
/	/	SVHC 物质清单中的其余物质 (Other tested SVHC in candidate list)	/	/	/	N.D.

2. 2 项评议 SVHC 的检测结果(Test results of proposed 2 SVHC) 单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit	结果 Result(s)
1~2	2 项评议 SVHC (Proposed 2 SVHC)	/	/	/	N.D.

注释(Note)：

-N.D.= Not Detected (<report limit), 未检出（小于报告限）
-0.1%=1000mg/kg
-mg/kg=ppm=parts per million
-三氧化二硼、硼酸、无水四硼酸钠、水合硼酸钠、四氟硼酸铅、过硼酸钠、水合高硼酸钠盐类、氧化硼钠的结果由 ICP-OES 检测的水提取的硼元素结果换算得出。The test results of Diboron trioxide, Boric acid, Disodium tetraborate, anhydrous, Tetraboron disodium heptaoxide, hydrate,Lead bis(tetrafluoroborate), Sodium peroxometaborate and Sodium perborate; perboric acid, sodium salt, Disodium octaborate were based on the water extraction content of Boron.
-根据客户声明，该样品不含有 SVHC 物质清单中的钴化合物（见后续页所有检测的 SVHC 清单）。As specified by client's declaration, the sample(s) do not contain cobalt compounds in SVHC in candidate list(See following full list of tested SVHC).
-根据客户要求进行质量比混合检测，检测结果基于样品总质量计算。本报告中显示的结果可能与任何均质材料

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检测报告(Test Report)

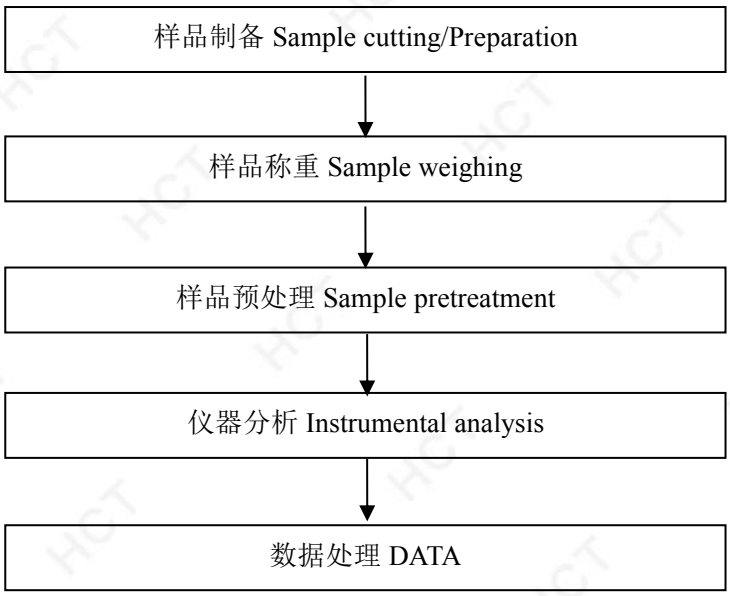
的含量不同。As specified by client,the samples were mass ratio mixed to test and the test results are calculated based on the total sample quality.The result(s) shown on this report may be different from the content of any homogeneous material.

-SVHC 中的物质清单见后续页(Substances in candidate list of SVHC please refer to following page(s).)。

备注(Remarks)：

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

检测流程图(Test Flow Chart)



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检测报告(Test Report)

报告编号(Report No.)：WTH20H11090516C-2 日期(Date)：2020/12/8 页数(Page)：4 of 24

样 品 附 图(The photo of the sample)



Shenzhen Hongcai Testing Technology Co., Ltd
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报告专用章

检测报告(Test Report)

报告编号(Report No.)：WTH20H11090516C-2 日期(Date)：2020/12/8 页数(Page)：5 of 24

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

第一批 15 种 SVHC（2008 年 10 月公布）(The first 15 SVHC(Announced in October, 2008)) 单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
1	蒽 Anthracene	120-12-7	204-371-1	0.0050
2	4，4'-二氨基二苯甲烷 4,4'-Diaminodiphenylmethane	101-77-9	202-974-4	0.0050
3	邻苯二甲酸二丁酯 Dibutyl phthalate（DBP）	84-74-2	201-557-4	0.0050
4	邻苯二甲酸二（2-乙基己基）酯 Di-(2-ethylhexyl) Phthalate（DEHP）	117-81-7	204-211-0	0.0050
5	邻苯二甲酸丁苄酯 Benzyl butyl phthalate（BBP）	85-68-7	201-622-7	0.0050
6	三丁基氧化锡 Bis(tributyltin)oxide（TBTO）	56-35-9	200-268-0	0.0050
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	0.0050
8	六溴环十二烷 Hexabromocyclododecane and all major diastereoisomers identified:(α-HBCDD, β-HBCDD, γ-HBCDD)（HBCDD）	25637-99-4, 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	247-148-4/ 221-695-9	0.0050
9	短链氯化石蜡 Short Chain Chlorinated Paraffins（SCCPs）	85535-84-8	287-476-5	0.0100
10	砷酸氢铅* Lead hydrogen arsenate*	7784-40-9	232-064-2	0.0500
11	三乙基砷酸酯* Triethyl arsenate*	15606-95-8	427-700-2	0.0500
12	五氧化二砷* Diarsenic pentaoxide*	1303-28-2	215-116-9	0.0500
13	三氧化二砷* Diarsenic trioxide*	1327-53-3	215-481-4	0.0500
14	二氯化钴* Cobalt dichloride*	7646-79-9	231-589-4	0.0500
15	重铬酸钠* Sodium dichromate*	7789-12-0, 10588-01-9	234-190-3	0.0500

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检测报告(Test Report)

报告编号(Report No.)：WTH20H11090516C-2 日期(Date)：2020/12/8 页数(Page)：6 of 24

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))

单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
16	①蒽油①Anthracene oil	90640-80-5	292-602-7	0.0500
17	①蒽油，蒽糊，轻油**** ①Anthracene oil, anthracene paste, distn. Lights****	91995-17-4	295-278-5	0.0500
18	①蒽油，蒽糊，蒽馏分 ①Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.0500
19	①蒽油，含蒽量少 ①Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.0500
20	①蒽油，蒽糊 ①Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.0500
21	邻苯二甲酸二异丁酯 Diisobutyl phthalate（DIBP）	84-69-5	201-553-2	0.0050
22	2,4-二硝基甲苯 2,4-Dinitrotoluene	121-14-2	204-450-0	0.0100
23	②铬酸铅 ②Lead chromate	7758-97-6	231-846-0	0.0500
24	②钼铬红（C.I.颜料红 104）*** ②Lead chromate molybdate sulphate red (C.I. Pigment Red 104) ***	12656-85-8	235-759-9	0.0500
25	②铅铬黄（C.I.颜料黄 34）*** ②Lead sulfochromate yellow(C.I. Pigment Yellow 34)***	1344-37-2	215-693-7	0.0500
26	①煤焦油沥青，高温 ①Pitch, coal tar, high temperature	65996-93-2	266-028-2	0.0500
27	磷酸三（2-氯乙基）酯 Tris(2-chloroethyl)phosphate（TCEP）	115-96-8	204-118-5	0.0100
28	丙烯酰胺 Acrylamide	79-06-1	201-173-7	0.0100

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检测报告(Test Report)

报告编号(Report No.)：WTH20H11090516C-2 日期(Date)：2020/12/8

第三批 8 种 SVHC（2010 年 6 月公布）(The third 8 SVHC(Announced in June, 2010)) 单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
29	三氯乙烯 Trichloroethylene	79-01-6	201-167-4	0.0100
30	硼酸* Boric acid*	10043-35-3/ 11113-50-1	233-139-2 234-343-4	0.0500
31	无水四硼酸钠* Disodium tetraborate, anhydrous*	1330-43-4 12179-04-3 1303-96-4	215-540-4	0.0500
32	水合硼酸钠* Tetraboron disodium heptaoxide, hydrate*	12267-73-1	235-541-3	0.0500
33	铬酸钠* Sodium chromate*	7775-11-3	231-889-5	0.0500
34	铬酸钾* Potassium chromate*	7789-00-6	232-140-5	0.0500
35	重铬酸铵* Ammonium dichromate*	7789-09-5	232-143-1	0.0500
36	重铬酸钾* Potassium dichromate*	7778-50-9	231-906-6	0.0500

第四批 8 种 SVHC (2010 年 12 月公布) (The fourth 8 SVHC(Announced in December,2010)) 单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
37	三氧化铬* Chromium trioxide*	1333-82-0	215-607-8	0.0500
38	2-甲氧基乙醇 2-Methoxyethanol	109-86-4	203-713-7	0.0500
39	2-乙氧基乙醇 2-Ethoxyethanol	110-80-5	203-804-1	0.0500
40	醋酸钴* Cobalt(II) diacetate*	71-48-7	200-755-8	0.0500
41	碳酸钴* Cobalt(II) carbonate*	513-79-1	208-169-4	0.0500
42	硝酸钴* Cobalt(II) dinitrate*	10141-05-6	233-402-1	0.0500
43	硫酸钴* Cobalt(II) sulphate*	10124-43-3	233-334-2	0.0500
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	0.0500

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检测报告(Test Report)

报告编号(Report No.)：WTH20H11090516C-2 日期(Date)：2020/12/8 页数(Page)：8 of 24

第五批 7 种 SVHC (2011 年 6 月公布) (The fifth 7 SVHC(Announced in June, 2011)) 单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
45	乙二醇乙醚乙酸酯 (2-EEA)2-ethoxyethyl acetate	111-15-9	203-839-2	0.0100
46	铬酸锶*strontium chromate*	7789-06-2	232-142-6	0.0500
47	①邻苯二甲酸二(C7-11 支链与直链)烷基酯 (DHNUP) ①1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	0.0500
48	肼 Hydrazine	7803-57-8 302-01-2	206-114-9	0.0100
49	1-甲基-2-吡咯烷酮 1-methyl-2-pyrrolidone	872-50-4	212-828-1	0.0100
50	1,2,3-三氯丙烷 1,2,3-trichloropropane	96-18-4	202-486-1	0.0100
51	①邻苯二甲酸二 (C6-8 支链与直链)烷基酯，富 C7 链 (DIHP) ①1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1	0.0500

第六批 20 种 SVHC (2011 年 12 月公布) (The sixth 20 SVHC(Announced in December, 2011)) 单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
52	②硅酸铝耐火陶瓷纤维 ②Aluminosilicate, Refractory Ceramic Fibres	—	650-017-00-8**	0.0500
53	②氧化锆硅酸铝耐火陶瓷纤维 ②Zirconia Aluminosilicate, Refractory Ceramic Fibres	—	650-017-00-8**	0.0500
54	铬酸铬* Dichromium tris(chromate) *	24613-89-6	246-356-2	0.0500
55	氢氧化铬酸锌钾* Potassium hydroxyoctaoxodizincate di-chromate*	11103-86-9	234-329-8	0.0500

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报告编号(Report No.)：WTH20H11090516C-2 日期(Date)：2020/12/8

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
56	锌黄(C.I.颜料黄 36)*** Pentazinc chromate octahydroxide (C.I. pigment yellow 36)***	49663-84-5	256-418-0	0.0500
57	甲醛苯胺共聚物 Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	0.0500
58	邻苯二甲酸二甲氧乙酯 Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	204-212-6	0.0050
59	邻氨基苯甲醚 2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	0.0100
60	对特辛基苯酚 4-(1,1,3,3-tetramethylbutyl)phenol,(4-tert-Octylphenol)	140-66-9	205-426-2	0.0100
61	1,2-二氯乙烷 1,2-Dichloroethane	107-06-2	203-458-1	0.0100
62	二乙二醇二甲醚 Bis(2-methoxyethyl) ether	111-96-6	203-924-4	0.0100
63	砷酸*Arsenic acid*	7778-39-4	231-901-9	0.0500
64	砷酸钙*Calcium arsenate*	7778-44-1	231-904-5	0.0500
65	砷酸铅*Trilead diarsenate*	3687-31-8	222-979-5	0.0500
66	N,N-二甲基乙酰胺 N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	0.0100
67	酚酞 Phenolphthalein	77-09-8	201-004-7	0.0500
68	4,4'-亚甲基双-2-氯苯胺 2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	0.0100
69	叠氮化铅*Lead azide; Lead diazide*	13424-46-9	236-542-1	0.0500
70	2,4,6-三硝基苯二酚铅*Lead styphnate*	15245-44-0	239-290-0	0.0500
71	苦味酸铅*Lead dipicrate*	6477-64-1	229-335-2	0.0500

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检测报告(Test Report)

报告编号(Report No.)：WTH20H11090516C-2 日期(Date)：2020/12/8 页数(Page)：10 of 24

第七批 13 种 SVHC（2012 年 6 月公布）(The seventh 13 SVHC(Announced in June, 2012)) 单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
72	三甘醇二甲醚 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.0100
73	1, 2-二甲氧基乙烷 1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	0.0100
74	三氧化二硼*Diboron trioxide*	1303-86-2	215-125-8	0.0500
75	甲酰胺 Formamide	75-12-7	200-842-0	0.0100
76	甲磺酸铅(II)* Lead(II)bis(methanesulfonate)*	17570-76-2	401-750-5	0.0500
77	异氰尿酸三缩水甘油酯 TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	219-514-3	0.0500
78	替罗昔隆β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	423-400-0	0.0500
79	4,4'-四甲基二氨二苯酮 4,4’-bis(dimethylamino)benzophenone (Michler’sketone)	90-94-8	202-027-5	0.0100
80	4,4'-亚甲基双(N,N-二甲基苯胺) N,N,N’,N’-tetramethyl-4,4’-methylenedianiline (Michler’sbase)	101-61-1	202-959-2	0.0100
81	结晶紫 [4-[4,4’-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. BasicViolet 3)	548-62-9	208-953-6	0.0500
82	碱性蓝 26 [4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammoniumchloride (C.I. Basic Blue 26)	2580-56-5	219-943-6	0.0500
83	溶剂蓝 4 α,α-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	0.0500
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	561-41-1	209-218-2	0.0100

Shenzhen Hongcai Testing Technology Co., Ltd 深圳市虹彩检测技术有限公司 报告专用章

检测报告(Test Report)

报告编号(Report No.)：WTH20H11090516C-2 日期(Date)：2020/12/8 页数(Page)：11 of 24

第八批 54 种 SVHC（2012 年 12 月公布）(The eighth 54 SVHC(Announced in December, 2012)) 单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
85	十溴二苯醚 Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	1163-19-5	214-604-9	0.0050
86	全氟十三酸 Pentacosafluorotridecanoic acid	72629-94-8	276-745-2	0.0100
87	全氟十二酸 Tricosafluorododecanoic acid	307-55-1	206-203-2	0.0100
88	全氟十一烷酸 Henicosafluoroundecanoic acid	2058-94-8	218-165-4	0.0100
89	全氟十四酸 Heptacosafluorotetradecanoic acid	376-06-7	206-803-4	0.0100
90	①对特辛基苯酚乙氧基醚 ①4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated -covering well-defined substances and UVCB substances, polymers and homologues	—	—	0.0100
91	①4-壬基苯酚，支链和直链 ①4-Nonylphenol, branched and linear - substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	—	—	0.0100
92	偶氮二甲酰胺 Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	0.0100
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, trans-cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane-1,2-dicarboxylic anhydride	85-42-7, 14166-21-3, 13149-00-3	201-604-9, 238-009-9, 236-086-3	0.0100
94	甲基六氢苯酐、4-甲基六氢苯酐、甲基六氢化邻苯二甲酸酐、3-甲基六氢苯二甲酯酐 Hexahydromethylphathalic anhydride, Hexahydro-4-methylphathalic anhydride,Hexahydro-1-methylphathalic anhydride,Hexahydro-3-methylphathalic anhydride	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	0.0100

Shenzhen Hongcai Testing Technology Co., Ltd 深圳市虹彩检测技术有限公司 报告专用章

检测报告(Test Report)

报告编号(Report No.)：WTH20H11090516C-2 日期(Date)：2020/12/8 页数(Page)：12 of 24

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
95	甲氧基乙酸 Methoxy acetic acid	625-45-6	210-894-6	0.0100
96	支链和直链 1，2-苯二羧二戊酯 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	0.0100
97	邻苯二甲酸二异戊酯 Diisopentylphthalate (DIPP)	605-50-5	210-088-4	0.0100
98	邻苯二甲酸正戊基异戊基酯 N-pentyl-isopentylphtalate	776297-69-9	—	0.0100
99	乙二醇二乙醚 1,2-Diethoxyethane	629-14-1	211-076-1	0.0100
100	N,N-二甲基甲酰胺 N,N-dimethylformamide; dimethyl formamide	68-12-2	200-679-5	0.0100
101	二丁基二氯化锡 Dibutyltin dichloride (DBT)	683-18-1	211-670-0	0.0100
102	碱式乙酸铅*Acetic acid, lead salt, basic*	51404-69-4	257-175-3	0.0500
103	碱式碳酸铅* Basic lead carbonate (trileadbis(carbonate)dihydroxide)*	1319-46-6	215-290-6	0.0500
104	碱式硫酸铅*Lead oxide sulfate (basic lead sulfate)*	12036-76-9	234-853-7	0.0500
105	[1,2-苯二羧酸根合]二氧化三铅* [Phthalato(2-)]dioxotrilead (dibasic lead phthalate)*	69011-06-9	273-688-5	0.0500
106	双(十八酸基)二氧代三铅*Dioxobis(stearato)trilead*	12578-12-0	235-702-8	0.0500
107	C16-18-脂肪酸铅盐*Fatty acids, C16-18, lead salts*	91031-62-8	292-966-7	0.0500
108	四氟硼酸铅*Lead bis(tetrafluoroborate)*	13814-96-5	237-486-0	0.0500
109	氨基氰铅盐*Lead cynamidate*	20837-86-9	244-073-9	0.0500
110	硝酸铅*Lead dinitrate*	10099-74-8	233-245-9	0.0500
111	氧化铅*Lead oxide (lead monoxide)*	1317-36-8	215-267-0	0.0500
112	四氧化三铅，铅丹*Lead tetroxide (orange lead)*	1314-41-6	215-235-6	0.0500
113	钛酸铅*Lead titanium trioxide*	12060-00-3	235-038-9	0.0500
114	钛酸铅锆*Lead Titanium Zirconium Oxide*	12626-81-2	235-727-4	0.0500
115	②氧化铅与硫酸铅的复合物*Pentalead tetraoxide sulphate*	12065-90-6	235-067-7	0.0500
116	②颜料黄 41***Pyrochlore, antimony lead yellow C.I.***	8012-00-8	232-382-1	0.0500
117	②铅掺杂的硅钡酸盐*②Silicic acid, barium salt, lead-doped*	68784-75-8	272-271-5	0.0500
118	硅酸铅*Silicic acid, lead salt*	11120-22-2	234-363-3	0.0500
119	亚硫酸铅（II）*Sulfurous acid, lead salt, dibasic*	62229-08-7	263-467-1	0.0500
120	四乙基铅*Tetraethyllead*	78-00-2	201-075-4	0.0500

Shenzhen Hongcai Testing Technology Co., Ltd 深圳市虹彩检测技术有限公司 报告专用章

检测报告(Test Report)

报告编号(Report No.)：WTH20H11090516C-2 日期(Date)：2020/12/8 页数(Page)：13 of 24

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
121	三碱式硫酸铅*Tetralead trioxide sulphate*	12202-17-4	235-380-9	0.0500
122	磷酸氧化铅*Trilead dioxide phosphonate*	12141-20-7	235-252-2	0.0500
123	呋喃 Furan	110-00-9	203-727-3	0.0100
124	环氧丙烷 Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	200-879-2	0.0100
125	硫酸二乙酯 Diethyl sulphate	64-67-5	200-589-6	0.0100
126	硫酸二甲酯 Dimethyl sulphate	77-78-1	201-058-1	0.0100
127	乙基-2-甲基-2-(3-甲基丁基)-1,3-恶唑烷 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	0.0100
128	地乐酚（二硝丁酚） Dinoseb	88-85-7	201-861-7	0.0100
129	4,4'-二氨基-3,3'-二甲基二苯甲烷 4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	0.0100
130	4,4'-二氨基二苯醚 4,4'-oxydianiline and its salts	101-80-4	202-977-0	0.0100
131	4-氨基偶氮苯 4-Aminoazobenzene;4-Phenylazoaniline	60-09-3	200-453-6	0.0100
132	2,4-二氨基甲苯 4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	202-453-1	0.0100
133	2-甲氧基-5-甲基苯胺 6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	0.0100
134	4-氨基联苯 Biphenyl-4-ylamine	92-67-1	202-177-1	0.0100
135	邻氨基偶氮甲苯 o-aminoazotoluene	97-56-3	202-591-2	0.0050
136	邻甲基苯胺 o-Toluidine; 2-Aminotoluene	95-53-4	202-429-0	0.0100
137	N-甲基乙酰胺 N-methylacetamide	79-16-3	201-182-6	0.0100
138	溴代正丙烷 1-bromopropane; n-propyl bromide	106-94-5	203-445-0	0.0100

Shenzhen Hongcai Testing Technology Co., Ltd
深圳市虹彩检测技术有限公司
报告专用章

检测报告(Test Report)

报告编号(Report No.)：WTH20H11090516C-2 日期(Date)：2020/12/8 页数(Page)：14 of 24

第九批 6 种 SVHC（2013 年 6 月公布）(The ninth 6 SVHC(Announced in June, 2013)) 单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
139	镉 Cadmium	7440-43-9	231-152-8	0.0050
140	氧化镉*Cadmium oxide*	1306-19-0	215-146-2	0.0500
141	十五代氟辛酸铵盐 Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	0.0100
142	全氟辛酸 Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	0.0100
143	邻苯二甲酸二正戊酯 Dipentyl phthalate (DPP)	131-18-0	205-017-9	0.0100
144	①4-壬基酚，支链和直链，乙氧基[由一含 9 个碳的直链和/或支链烷基链，在碳 4 的位置共价有苯酚、乙氧基覆盖的非线性结构和明确的物质，包括任何单一的同分异构体和/或其合] ①4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	—	—	0.0500

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检测报告(Test Report)

报告编号(Report No.)：WTH20H11090516C-2 日期(Date)：2020/12/8 页数(Page)：15 of 24

第十批 7 种 SVHC（2013 年 12 月公布）(The tenth 7 SVHC(Announced in December, 2013)) 单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
145	硫化镉*Cadmium sulphide *	1306-23-6	215-147-8	0.0100
146	邻苯二甲酸二己酯 Dihexyl phthalate	84-75-3	201-559-5	0.0100
147	②C.I.直接红 28 ②Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	0.0100
148	②C.I.直接黑 38 ②Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	217-710-3	0.0100
149	亚乙基硫脲 Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	202-506-9	0.0100
150	醋酸铅*Lead di(acetate) *	301-04-2	206-104-4	0.0500
151	磷酸三（二甲苯）酯 Trixylyl phosphate	25155-23-1	246-677-8	0.0100

第十一批 4 种 SVHC（2014 年 6 月公布）(The eleventh 4 SVHC(Announced in June, 2014)) 单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
152	邻苯二甲酸二己酯（直链与支链） 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	0.0100
153	氯化镉*Cadmium chloride*	10108-64-2	233-296-7	0.0100
154	水合高硼酸钠盐类 Sodium perborate; perboric acid, sodium salt*	—	239-172-9, 234-390-0	0.0100
155	过硼酸钠*Sodium peroxometaborate*	7632-04-4	231-556-4	0.0100

Shenzhen Hongcai Testing Technology Co., Ltd 深圳市虹彩检测技术有限公司 报告专用章

检测报告(Test Report)

第十二批 6 种 SVHC（2014 年 12 月公布）(The twelfth 6 SVHC(Announced in December, 2014)) 单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
156	2-(2'-羟基-3',5'-二叔戊基苯基)苯并三唑 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	0.0100
157	2-(2'-羟基-3',5'-二叔丁基苯基)-苯并三唑 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	0.0100
158	氟化镉* Cadmium fluoride*	7790-79-6	232-222-0	0.0500
159	硫酸镉* Cadmium sulphate*	10124-36-4; 31119-53-6	233-331-6	0.0500
160	二正辛基-双(巯乙酸 2-乙基己酯)锡 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate(DOTE)	15571-58-1	239-622-4	0.0500
161	二正辛基-双(巯乙酸 2-乙基己酯)（DOTE）和三（2-乙基己基巯基乙酸）辛锡（MOTE）反应物料 Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	—	—	0.0500

Shenzhen Hongcai Testing Technology Co., Ltd 深圳市虹彩检测技术有限公司 报告专用章

检测报告(Test Report)

报告编号(Report No.)：WTH20H11090516C-2 日期(Date)：2020/12/8 页数(Page)：17 of 24

第十三批 2 种 SVHC（2015 年 6 月公布）(The thirteenth 2 SVHC(Announced in June, 2015)) 单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
162	1,2-苯二羧酸，二-碳 6-10-烷基酯 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5 68648-93-1	271-094-0 272-013-1	0.0100
163	5-仲丁基-丁基-2-(2,4-二甲基环己胺-3-乙二胺-1-基)-5-甲基-1,3-二氧乙烷 [1], 5-仲丁基-丁基-2-(4,6-二甲基环己胺-3-乙二胺-1-基)-5-甲基-1,3-二氧乙烷[2]（这两种物质的异构体以及它们的混合物） 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]	—	—	0.0100

第十四批 5 种 SVHC（2015 年 12 月公布）(The fourteenth 5 SVHC(Announced in December, 2015))

单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
164	硝基苯 Nitrobenzene	98-95-3	202-716-0	0.0100
165	2,4-二-叔丁基-6-(5-氯-2H-苯并三唑-2-基)苯酚 (UV-327) 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	0.0100
166	2-(2'-羟基-3'-异丁基-5'-叔丁基苯基)苯并三唑(UV-350) 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	0.0100
167	1,3-丙烷磺内酯 1,3-propanesultone	1120-71-4	214-317-9	0.0100
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 (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	0.0100

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检测报告(Test Report)

报告编号(Report No.)：WTH20H11090516C-2 日期(Date)：2020/12/8

第十五批 1 种 SVHC（2016 年 6 月公布）(The fifteenth 1 SVHC(Announced in June, 2016))

单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
169	苯并芘 Benzo[def]chrysene	50-32-8	200-028-5	0.0100

第十六批 4 种 SVHC（2017 年 1 月公布）(The sixteenth 4 SVHC(Announced in January, 2017))

单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
170	2,2-双(4-羟基苯基)丙烷（双酚A） 4,4'-isopropylidenediphenol (bisphenol A)（BPA）	80-05-7	201-245-8	0.0100
171	支链与直链的4-庚基苯酚 (4-HPbl) 4-heptylphenol, branched and linear (4-HPbl)	—	—	0.0500
172	全氟癸酸（PFDA） 及其钠盐和铵盐 Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	-- 206-400-3 221-470-5	0.0100
173	对-(1,1-二甲基丙基)酚 （对叔戊基苯酚） (PTAP) 4-tert-pentylphenol (PTAP)	80-46-6	201-280-9	0.0100

第十七批 1 种 SVHC（2017 年 7 月公布）(The seventeenth 1 SVHC(Announced in July, 2017)) 单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
174	全氟己基磺酸及其盐类 Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	—	—	0.0100

第十八批 7 种 SVHC（2018 年 1 月公布）(The eighteenth 7 SVHC(Announced in January, 2018)) 单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
175	德克隆[包括所有反式和顺式异构体及其组合] 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	—	—	0.0500
176	苯并[a]蒽 Benz[a]anthracene	56-55-3, 1718-53-2	200-280-6	0.0100
177	硝酸镉*Cadmium nitrate*	10022-68-1, 10325-94-7	233-710-6	0.0500
178	碳酸镉*Cadmium carbonate*	513-78-0	208-168-9	0.0500

Shenzhen Hongcai Testing Technology Co., Ltd
深圳市虹彩检测技术有限公司
报告专用章

无 CMA 标识报告中的结果仅用于客户科研、教学、内部质量控制、产品研发等目的，仅供内部参考，对社会不具有证明作用。
有 CNAS 标识报告中的“ * ”代表该检测项目暂未申请 CNAS 认可。The result(s) in no CMA logo report shall only be used for client's scientific research, teaching, internal quality control,product research and development, etc..and just for internal reference, does not prove to society.
The “ * ” in CNAS logo report means that the test item(s) was (were) currently not applying for CNAS accreditation .

检测报告(Test Report)

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
179	氢氧化镉*Cadmium hydroxide*	21041-95-2	244-168-5	0.0500
180	䓛Chrysene	218-01-9, 1719-03-5	205-923-4	0.0100
181	①1,3,4-噻二唑烷-2,5-二硫酮，甲醛和 4-庚基苯酚的支链和直链（RP-HP）的反应产物[4-庚基苯酚，支链和直链含量≥0.1% w/w] ①Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) with ≥0.1% w/w 4-heptylphenol, branched and linear (4-HPbl)	—	—	0.0500

第十九批 10 种 SVHC（2018 年 6 月公布）(The nineteenth 10 SVHC(Announced in June, 2018)) 单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
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) (TMA)	552-30-7	209-008-0	0.0100
183	苯并[GHI]苝 Benzo[ghi]perylene	191-24-2	205-883-8	0.0100
184	十甲基环五硅氧烷（D5） Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	0.0100
185	邻苯二甲酸二环己酯(DCHP) Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	0.0100
186	氧化硼钠*Disodium octaborate*	12008-41-2	234-541-0	0.0500
187	十二甲基环六硅氧烷（D6） Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	0.0100
188	乙二胺 Ethylenediamine（EDA）	107-15-3	203-468-6	0.0500
189	铅 Lead	7439-92-1	231-100-4	0.0100
190	八甲基环四硅氧烷（D4） Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	0.0100
191	氢化三联苯 Terphenyl, hydrogenated	61788-32-7	262-967-7	0.0100

Shenzhen Hongcai Testing Technology Co., Ltd
深圳市虹彩检测技术有限公司
报告专用章

检测报告(Test Report)

报告编号(Report No.)：WTH20H11090516C-2 日期(Date)：2020/12/8 页数(Page)：20 of 24

第二十批 6 种 SVHC（2019 年 1 月公布）(The twentieth 6 SVHC(Announced in January, 2019)) 单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
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)	15087-24-8	239-139-9	0.0100
193	4,4'-(1,3-二甲基丁基)二苯酚 2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	0.0100
194	苯并(k)荧蒽 Benzo[k]fluoranthene	207-08-9	205-916-6	0.0100
195	荧蒽 Fluoranthene	206-44-0, 93951-69-0	205-912-4	0.0100
196	菲 Phenanthrene	85-01-8	201-581-5	0.0100
197	芘 Pyrene	129-00-0, 1718-52-1	204-927-3	0.0100

第二十一批 4 种 SVHC（2019 年 7 月公布）(The twenty-first 4 SVHC(Announced in July , 2019))

单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
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)	—	—	0.0100
199	4-叔丁基苯酚(PTBP) (4-tert-Butylphenol(PTBP))	98-54-4	202-679-0	0.0100
200	2-甲氧基乙酸乙酯 2-methoxyethyl acetate	110-49-6	203-772-9	0.0100
201	2,3,3,3-四氟-2-（七氟丙氧基）丙酸及其盐和酰基卤化物（包括单体和组合） 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	—	—	0.0100

Shenzhen Hongcai Testing Technology Co., Ltd 深圳市虹彩检测技术有限公司 报告专用章

检测报告(Test Report)

第二十二批 4 种 SVHC（2020 年 1 月公布）(The twenty-second 4 SVHC(Announced in January , 2020))

单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
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	404-360-3	0.0100
203	2-甲基-1-(4-甲硫基苯基)-2-吗啉基-1-丙酮 (光引发剂 907) 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (Photoinitiator 907)	71868-10-5	400-600-6	0.0100
204	邻苯二甲酸二异己酯 Diisohexyl phthalate	71850-09-4	276-090-2	0.0100
205	全氟丁烷磺酸及其盐 Perfluorobutane sulfonic acid (PFBS) and its salts	—	—	0.0100

第二十三批 4 种 SVHC（2020 年 6 月公布）(The twenty-third 4 SVHC(Announced in June , 2020))

单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
206	1-乙烯基咪唑 1-vinylimidazole	1072-63-5	214-012-0	0.0500
207	2-甲基咪唑 2-methylimidazole	693-98-1	211-765-7	0.0500
208	4-羟基苯甲酸丁酯 Butyl 4-hydroxybenzoate	94-26-8	202-318-7	0.0100
209	双乙酰丙酮基二丁基锡 Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	245-152-0	0.0500

2020 年 9 月评议 2 项高度关注物质(Proposed 2 Substances of Very High Concern on September, 2020)

单位(Unit)：%

序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	EC 号 EC No.	报告限 Report Limit
1	四乙二醇二甲醚 bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	205-594-7	0.0100
2	二月桂酸二辛基锡，锡烷，二辛基-，双（椰油酰氧基）衍生物，以及任何其他锡烷，二辛基-，双（脂肪酰氧基）衍生物。其中C12是脂肪酰氧基部分的主要碳原子数。 Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	—	—	0.0500

注释(Note)：

-0.1%=1000mg/kg

-mg/kg=ppm=parts per million

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

Shenzhen Hongcai Testing Technology Co., Ltd 深圳市虹彩检测技术有限公司 报告专用章

检测报告(Test Report)

物质。

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

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

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

-***：C.I.：颜料索引号, C.I.:Colour Index

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

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

In view of the substances are established as UVCB substances(substances of unknown or variable composition, complex reaction products or biological materials) consisting of different and variable constituents, the test results are calculated based on the main constituents of the representative compounds for substances.

–② ：由于此物质含有多种物质，检测结果是基于此物质中最具有代表性的主要组成化合物的含量，其主要组成化合物的检测结果是基于特定的元素的结果换算而来。

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

Shenzhen Hongcai Testing Technology Co., Ltd 深圳市虹彩检测技术有限公司 报告专用章

检测报告(Test Report)

报告编号(Report No.)：WTH20H11090516C-2 日期(Date)：2020/12/8 页数(Page)：23 of 24

附加信息(Appendix)：

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

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

这些文件清单由欧洲化学品管理署评估, 将来可能会有变化。

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

(2) 关于物品(Concerning article(s))：

根据欧盟第 1907/2006（EC）号法规，如果满足以下两个条件，如果物质符合第 57 条中的标准并根 据第 59 条第一款被确定，物品的任何欧洲制造商或进口商应根据第 7 条第 4 款向欧盟化学品管理署 进行通报：(a) 候选清单中的物质在物品中的总含量超过 1 吨/年/生产商或进口商；(b) 候选清单中的 物质在物品中的总含量以质量分数计超过 0.1% 的浓度。In accordance with Regulation (EC) No 1907/2006, any EU producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if (a) the substance in the Candidate List is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance in the Candidate List is present in those articles above a concentration of 0.1% weight by weight (w/w).

欧盟第 1907/2006（EC）号法规第 33 条规定，含有满足第 57 条中的标准并根据第 59 条第一款被确 定且质量分数大于 0.1%的物质的物品的所有供应商应向物品接受者提供其可获取的充足信息，以使 物品使用安全，这些信息至少包括含有的候选清单中物质的名称。Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance in the Candidate List.

(3) 关于材料(Concerning material(s))::

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

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

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

如果样品中高关注物质的浓度超过 0.1% (w/w)和/或欧盟第 1272/2008 号 CLP 法规和欧盟委员会条例 第 790/2009 号中设定的特殊浓度限值，建议客户根据欧盟第 1907/2006 号 REACH 法规对有关高关 注物质准备安全数据表(SDS)以符合供应链传递信息的义务，如：If a SVHC is found over 0.1% (w/w) and/or the specific concentration limit

深圳市虹彩检测技术有限公司 报告专用章

检测报告(Test Report)

which is set in Regulation (EC) No 1272/2008 and its amendments, client is suggested to prepare a Safety Data Sheet (SDS) against the SVHC to comply with the supply chain communication obligation under Regulation (EC) No 1907/2006, in which:

- 根据欧盟第 1272/2008 号 CLP 法规被列为有害物质。

- a substance that is classified as hazardous under the CLP Regulation (EC) No 1272/2008.

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

- 根据危险混合物指令 1999/45/EC 并未列为危险混合物，但包含：

- a mixture is not classified as hazardous under the CLP Regulation (EC) No 1272/2008, but contains either:

(a) 对人类健康或环境有害的物质，而在固体或液体混合物（即非气体混合物）中其浓度≥1%(w/w) 或在气体混合物中占体积≥0.2%，或

a substance posing human health or environmental hazards in an individual concentration of ≥ 1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures) or ≥ 0.2 % by volume for gaseous mixtures; or

(b) PBT 或 vPvB 物质，在固体或液体混合物（即非气体混合物）中浓度≥0.1%(w/w)，或

a substance that is PBT, or vPvB in an individual concentration of ≥ 0.1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures); or

(c) 授权审议的高关注物质候选清单上的物质（除上述以外的原因）在非气体混合物中的浓度≥0.1%(w/w)，或

a substance on the SVHC candidate list (for reasons other than those listed above), in an individual concentration of ≥ 0.1 % by weight for non-gaseous mixtures; or

(d) 设有欧洲范围内工作场所接触限值的物质。

a substance for which there are Europe-wide workplace exposure limits.

*****报告结束(End)*****

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Shenzhen Hongcai Testing Technology Co., Ltd 深圳市虹彩检测技术有限公司 报告专用章