

测试报告 (SVHC)

No. CANEC2102957408

日期: 2021年03月17日 第1页,共18页

广东鼎杰实业有限公司
中国广东省东莞市横沥镇西城科技园2区B6栋

以下测试之样品是由申请者所提供及确认: PPS 黑色

SGS工作编号: CP21-007737 - SZ

样品接收日期: 2021年03月03日

测试周期: 2021年03月03日 - 2021年03月10日

测试要求: 根据客户要求,

(i) 基于欧洲化学品管理署截止2021年1月19日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211种高关注物质(SVHC)进行筛分测试。

测试结果: 请参见下一页

总结:

根据具体的范围和筛分测试, 所提交样品中SVHC测试结果 $\leq 0.1\%$ (w/w)。	通过
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通标标准技术服务有限公司广州分公司
授权签名

李嘉欣

Jessie Li 李嘉欣
批准签署人

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(d) 设有欧洲范围内工作场所接触限值的物质。

3. 如果样品中SVHC的测试结果超过报告限, 建议客户进一步定量分析检测含有SVHC的组分并且得到SVHC物质的准确浓度。

测试样品:

测试样品描述:

样品 编号	SGS 样品ID	描述
SN1	CAN21-029574.002	黑色塑胶粒

测试方法:

SGS内部方法- SGS-CCL-TOP-092-01, SGS-CCL-TOP-092-02, 采用ICP-OES、UV-VIS、GC-MS、HPLC-DAD/MS和比色法分析。



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测试结果: (SVHC候选清单中的高关注物质)

批次	物质名称	CAS No.	002 浓度 (%)	RL (%)
-	所有测试的候选清单中的SVHC	-	ND	-



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注释:

1. 上表仅显示检出的SVHC, 低于RL的SVHC没有列出。所有测试的SVHC请参见附录。
 2. RL = 报告限 (当测试结果 \geq RL时显示数据。RL不同于法规限值。) ND = 未检出($<$ RL), ND针对SVHC物质。
 - 3.* 测试结果是由选定的元素的结果并基于最坏的情况计算得出; ** 测试结果是由选定的标记物的结果并基于最坏的情况计算得出。详细信息请参见SGS REACH网站:
<http://www.sgs.com/en/Consumer-Goods-Retail/Toys-and-Juvenile-Products/Toys/REACH/Management-of-SVHC.aspx>
 4. RL = 0.005% 是针对元素 (例如钴、砷、铅、铬(VI)、铝、镉、硼、锑、锌、铈、钛、钡和镉), 除了钨的RL= 0.0005%, 硼的RL= 0.0025%(仅对四氟硼酸铅)。
 5. 硼化合物的结果由ICP-OES测试的水提取的硼元素结果换算得出。
 - 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, 该物质才被提议定为SVHC。
- 除非另有说明, 此报告结果仅对测试的样品负责。本报告未经本公司书面许可, 不可部分复制。检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的, 仅供内部参考。



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附录

所有测试的SVHC:

批次	序号	物质名称	CAS No.	RL (%)
I	1	4,4'-二氨基二苯甲烷(MDA)	101-77-9	0.050
I	2	2,4,6-三硝基-5-叔丁基间二甲苯(二甲苯麝香)	81-15-2	0.050
I	3	C10-13 氯代烃(短链氯化石蜡)	85535-84-8	0.050
I	4	蒽	120-12-7	0.050
I	5	邻苯二甲酸丁苄酯(BBP)	85-68-7	0.050
I	6	邻苯二甲酸二(2-乙基己基)酯(DEHP)	117-81-7	0.050
I	7	氧化双三丁基锡(TBTO)	56-35-9	0.050
I	8	二氯化钴*	7646-79-9	0.005
I	9	五氧化二砷*	1303-28-2	0.005
I	10	三氧化二砷*	1327-53-3	0.005
I	11	邻苯二甲酸二丁酯(DBP)	84-74-2	0.050
I	12	六溴环十二烷(HBCDD) 及其非对映异构体(α -HBCDD, β -HBCDD, γ -HBCDD)	-	0.050
I	13	砷酸氢铅*	7784-40-9	0.005
I	14	重铬酸钠*	7789-12-0, 10588-01-9	0.005
I	15	三乙基砷酸酯*	15606-95-8	0.005
II	16	2,4-二硝基甲苯	121-14-2	0.050
II	17	丙烯酰胺	79-06-1	0.050
II	18	蒽油**	90640-80-5	0.050
II	19	蒽油, 蒽糊**	90640-81-6	0.050
II	20	蒽油, 蒽糊, 蒽馏分**	91995-15-2	0.050

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批次	序号	物质名称	CAS No.	RL (%)
II	21	葱油, 葱糊, 轻油**	91995-17-4	0.050
II	22	葱油, 含葱量少**	90640-82-7	0.050
II	23	邻苯二甲酸二异丁酯	84-69-5	0.050
II	24	钼铬红(C.I.颜料红104)*	12656-85-8	0.005
II	25	铬酸铅*	7758-97-6	0.005
II	26	铅铬黄(C.I.颜料黄34)*	1344-37-2	0.005
II	27	沥青, 煤焦油, 高温**	65996-93-2	0.050
II	28	磷酸三(2-氯乙基)酯	115-96-8	0.050
III	29	重铬酸铵*	7789-09-5	0.005
III	30	硼酸*	-	0.005
III	31	无水四硼酸钠*	1303-96-4, 1330-43-4, 12179-04-3	0.005
III	32	铬酸钾*	7789-00-6	0.005
III	33	重铬酸钾*	7778-50-9	0.005
III	34	铬酸钠*	7775-11-3	0.005
III	35	水合硼酸钠*	12267-73-1	0.005
III	36	三氯乙烯	79-01-6	0.050
IV	37	乙二醇乙醚	110-80-5	0.050
IV	38	乙二醇单甲醚	109-86-4	0.050
IV	39	铬酸, 铬酸及重铬酸低聚物, 重铬酸*	-	0.005



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附录

所有测试的SVHC:

批次	序号	物质名称	CAS No.	RL (%)
IV	40	三氧化铬*	1333-82-0	0.005
IV	41	碳酸钴*	513-79-1	0.005
IV	42	乙酸钴*	71-48-7	0.005
IV	43	硝酸钴*	10141-05-6	0.005
IV	44	硫酸钴*	10124-43-3	0.005
V	45	1,2,3-三氯丙烷	96-18-4	0.050
V	46	1,2-苯二酸-二(C6-8支链)烷基酯(富C7)	71888-89-6	0.050
V	47	1,2-苯二酸-二(C7-11支链与直链)烷基(醇)酯	68515-42-4	0.050
V	48	1-甲基-2-吡咯烷酮	872-50-4	0.050
V	49	乙二醇乙醚醋酸酯	111-15-9	0.050
V	50	联氨	7803-57-8, 302-01-2	0.050
V	51	铬酸铯*	7789-06-2	0.005
VI	52	1,2-二氯乙烷	107-06-2	0.050
VI	53	4,4'-二氨基-3,3'-二氯二苯甲烷	101-14-4	0.050
VI	54	2-甲氧基苯胺	90-04-0	0.050
VI	55	对特辛基苯酚	140-66-9	0.050
VI	56	硅酸铝耐火陶瓷纤维*	-	0.005
VI	57	砷酸*	7778-39-4	0.005
VI	58	二乙二醇二甲醚	111-96-6	0.050
VI	59	邻苯二甲酸二甲氧基乙酯	117-82-8	0.050



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附录

所有测试的SVHC:

批次	序号	物质名称	CAS No.	RL (%)
VI	60	砷酸钙*	7778-44-1	0.005
VI	61	铬酸铬*	24613-89-6	0.005
VI	62	甲醛与苯胺的低聚物	25214-70-4	0.050
VI	63	叠氮化铅*	13424-46-9	0.005
VI	64	苦味酸铅*	6477-64-1	0.005
VI	65	史蒂芬酸铅*	15245-44-0	0.005
VI	66	N,N-二甲基乙酰胺	127-19-5	0.050
VI	67	氢氧化铬酸锌*	49663-84-5	0.005
VI	68	酚酞	77-09-8	0.050
VI	69	氢氧化铬酸锌钾*	11103-86-9	0.005
VI	70	砷酸铅*	3687-31-8	0.005
VI	71	氧化锆硅酸铝耐火陶瓷纤维*	-	0.005
VII	72	C.I.碱性蓝26§	2580-56-5	0.050
VII	73	C.I.碱性紫3§	548-62-9	0.050
VII	74	三乙二醇二甲醚(TEGDME)	112-49-2	0.050
VII	75	乙二醇二甲醚(EGDME)	110-71-4	0.050
VII	76	4,4'-二(二甲氨基)二苯甲酮(米氏酮)	90-94-8	0.050
VII	77	4,4'-二(二甲氨基)-4"-甲氨基三苯甲醇§	561-41-1	0.050
VII	78	三氧化二硼*	1303-86-2	0.005
VII	79	甲酰胺	75-12-7	0.050
VII	80	甲基磺酸铅*	17570-76-2	0.005



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附录

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批次	序号	物质名称	CAS No.	RL (%)
VII	81	N,N,N',N'-四甲基-4,4'-二氨基二苯甲烷(米氏碱)	101-61-1	0.050
VII	82	1,3,5-三(环氧乙基甲基)-1,3,5-三嗪-2,4,6-(1H, 3H,5H)-三酮(TGIC)	2451-62-9	0.050
VII	83	C.I.溶剂蓝4§	6786-83-0	0.050
VII	84	1,3,5-三-[(2S和2R)-2,3-环氧丙基]-1,3,5-三嗪-2,4,6-(1H, 3H, 5H)-三酮(β -TGIC)	59653-74-6	0.050
VIII	85	二盐基邻苯二甲酸铅*	69011-06-9	0.005
VIII	86	1,2-苯二酸-二(支链与直链)戊基酯	84777-06-0	0.050
VIII	87	乙二醇二乙醚	629-14-1	0.050
VIII	88	1-溴丙烷	106-94-5	0.050
VIII	89	3-乙基-2-甲基-2-(3-甲基丁基)-1,3-恶唑烷	143860-04-2	0.050
VIII	90	对特辛基苯酚乙氧基醚	-	0.050
VIII	91	4,4'-二氨基-3,3'-二甲基二苯甲烷	838-88-0	0.050
VIII	92	4,4'-二氨基二苯醚及其盐	101-80-4	0.050
VIII	93	4-氨基偶氮苯	60-09-3	0.050
VIII	94	2,4-二氨基甲苯	95-80-7	0.050
VIII	95	4-壬基(支链与直链)苯酚	-	0.050
VIII	96	2-甲氧基-5-甲基苯胺	120-71-8	0.050
VIII	97	碱式乙酸铅*	51404-69-4	0.005
VIII	98	4-氨基联苯	92-67-1	0.050
VIII	99	十溴二苯醚(DecaBDE)	1163-19-5	0.050
VIII	100	环己烷-1,2-二羧酸酐,顺式-环己烷-1,2-二羧酸酐,反式-环己烷-1,2-二羧酸酐	-	0.050

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测试报告
(SVHC)

No. CANEC2102957408

日期: 2021年03月17日 第11页,共18页

附录

所有测试的SVHC:

批次	序号	物质名称	CAS No.	RL (%)
VIII	101	偶氮二甲酰胺	123-77-3	0.050
VIII	102	二丁基二氯化锡(DBTC)	683-18-1	0.050
VIII	103	硫酸二乙酯	64-67-5	0.050
VIII	104	邻苯二甲酸二异戊酯	605-50-5	0.050
VIII	105	硫酸二甲酯	77-78-1	0.050
VIII	106	地乐酚	88-85-7	0.050
VIII	107	双(十八烷基)二氧代三铅*	12578-12-0	0.005
VIII	108	C16-18-脂肪酸铅*	91031-62-8	0.005
VIII	109	呋喃	110-00-9	0.050
VIII	110	全氟十一烷酸	2058-94-8	0.050
VIII	111	全氟十四烷酸	376-06-7	0.050
VIII	112	甲基六氢邻苯二甲酸酐,4-甲基六氢邻苯二甲酸酐,1-甲基六氢邻苯二甲酸酐,3-甲基六氢邻苯二甲酸酐	-	0.050
VIII	113	四氟硼酸铅*	13814-96-5	0.005
VIII	114	氨基氰铅盐*	20837-86-9	0.005
VIII	115	硝酸铅*	10099-74-8	0.005
VIII	116	一氧化铅*	1317-36-8	0.005
VIII	117	碱式硫酸铅*	12036-76-9	0.005
VIII	118	四氧化三铅*	1314-41-6	0.005
VIII	119	钛酸铅*	12060-00-3	0.005
VIII	120	钛酸铅钙*	12626-81-2	0.005



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测试报告
(SVHC)

No. CANEC2102957408

日期: 2021年03月17日 第12页,共18页

附录

所有测试的SVHC:

批次	序号	物质名称	CAS No.	RL (%)
VIII	121	甲氧基乙酸	625-45-6	0.050
VIII	122	1,2-环氧丙烷	75-56-9	0.050
VIII	123	N,N-二甲基甲酰胺	68-12-2	0.050
VIII	124	N-甲基乙酰胺	79-16-3	0.050
VIII	125	邻苯二甲酸正戊基异戊基酯	776297-69-9	0.050
VIII	126	邻-氨基偶氮甲苯	97-56-3	0.050
VIII	127	2-氨基甲苯	95-53-4	0.050
VIII	128	全氟十三烷酸	72629-94-8	0.050
VIII	129	硫酸四氧化五铅*	12065-90-6	0.005
VIII	130	铅锑黄*	8012-00-8	0.005
VIII	131	掺杂铅的硅酸钡*	68784-75-8	0.005
VIII	132	硅酸铅*	11120-22-2	0.005
VIII	133	二碱式亚硫酸铅*	62229-08-7	0.005
VIII	134	四乙基铅*	78-00-2	0.005
VIII	135	硫酸三氧化四铅*	12202-17-4	0.005
VIII	136	全氟十二烷酸	307-55-1	0.050
VIII	137	碱式碳酸铅*	1319-46-6	0.005
VIII	138	二碱式亚磷酸铅*	12141-20-7	0.005
IX	139	4-壬基(支链与直链)苯酚乙氧基醚	-	0.050
IX	140	全氟辛酸铵(APFO)**	3825-26-1	0.050
IX	141	氧化镉*	1306-19-0	0.005



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测试报告
(SVHC)

No. CANEC2102957408

日期: 2021年03月17日 第13页,共18页

附录

所有测试的SVHC:

批次	序号	物质名称	CAS No.	RL (%)
IX	142	镉*	7440-43-9	0.005
IX	143	邻苯二甲酸二正戊酯(DPP)	131-18-0	0.050
IX	144	全氟辛酸(PFOA)	335-67-1	0.050
X	145	硫化镉*	1306-23-6	0.005
X	146	邻苯二甲酸二正己酯	84-75-3	0.050
X	147	C.I.直接红28	573-58-0	0.050
X	148	C.I.直接黑38	1937-37-7	0.050
X	149	2-巯基咪唑啉	96-45-7	0.050
X	150	乙酸铅*	301-04-2	0.005
X	151	磷酸三二甲苯酯	25155-23-1	0.050
XI	152	邻苯二甲酸二(支链与直链)己基酯	68515-50-4	0.050
XI	153	氯化镉*	10108-64-2	0.005
XI	154	水合过硼酸钠*	-	0.005
XI	155	过硼酸钠*	7632-04-4	0.005
XII	156	2-(2H-苯并三唑-2-基)-4,6-二叔戊基苯酚 (UV-328)	25973-55-1	0.050
XII	157	2-苯并三唑-2-基-4,6-二叔丁基苯酚 (UV-320)	3846-71-7	0.050
XII	158	二正辛基-双(2-乙基己基巯基乙酸酯)锡 (DOTE)	15571-58-1	0.050
XII	159	氟化镉*	7790-79-6	0.005
XII	160	硫酸镉*	10124-36-4, 31119-53-6	0.005
XII	161	二正辛基-双(2-乙基己基巯基乙酸酯)锡 (DOTE) 和单辛基-三(2-乙基己基巯基乙酸酯)锡 (MOTE) 的反应物	-	0.050



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测试报告
(SVHC)

No. CANEC2102957408

日期: 2021年03月17日 第14页,共18页

附录

所有测试的SVHC:

批次	序号	物质名称	CAS No.	RL (%)
XIII	162	1,2-苯二甲酸, 二(C6-10)烷基酯 / 1,2-苯二甲酸, 混合二己二辛二癸酯, 其中邻苯二甲酸二己酯含量≥0.3%	-	0.050
XIII	163	5-二叔丁基-2-(2,4-二甲基环己-3-烯-1-基)-5-甲基-1,3-二恶烷[1], 5-二叔丁基-2-(4,6-二甲基环己-3-烯-1-基)-5-甲基-1,3-二恶烷[2] [任何[1]和[2]或者其任意组合的单独异构体或其任何组合]	-	0.050
XIV	164	1,3-丙磺酸内酯	1120-71-4	0.050
XIV	165	2,4-二叔丁基-6-(5-氯苯并三唑-2-基)苯酚(UV-327)	3864-99-1	0.050
XIV	166	2-(2H-苯并三唑-2-基)-4-(叔丁基)-6-(仲丁基)苯酚(UV-350)	36437-37-3	0.050
XIV	167	硝基苯	98-95-3	0.050
XIV	168	全氟壬酸及其钠盐和铵盐	-	0.050
XV	169	苯并(a)芘	50-32-8	0.050
XVI	170	4,4'-异亚丙基联苯酚(双酚A)	80-05-7	0.050
XVI	171	4-庚基(支链与直链)苯酚	-	0.050
XVI	172	全氟癸酸(PFDA)及其钠盐和铵盐	-	0.050
XVI	173	对叔戊基苯酚	80-46-6	0.050
XVII	174	全氟己烷-1-磺酸及其盐	-	0.050
XVIII	175	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)	-	0.050
XVIII	176	苯并葱(BaA)	56-55-3	0.050
XVIII	177	硝酸镉*	10325-94-7	0.005
XVIII	178	碳酸镉*	513-78-0	0.005
XVIII	179	氢氧化镉*	21041-95-2	0.005
XVIII	180	屈(CHR)	218-01-9	0.050



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测试报告
(SVHC)

No. CANEC2102957408

日期: 2021年03月17日 第15页,共18页

附录

所有测试的SVHC:

批次	序号	物质名称	CAS No.	RL (%)
XVIII	181	1,3,4-噻二唑-2,5-二硫酮、甲醛与支链和直链4-庚基苯酚的反应产物(RP-HP)[含有支链和直链4-庚基苯酚重量比≥0.1%]	-	0.050
XIX	182	1,2,4-苯三酸酐(偏苯三酸酐)	552-30-7	0.050
XIX	183	苯并(g,h,i)芘(二萘嵌苯)(BPE)	191-24-2	0.050
XIX	184	十甲基环五硅氧烷(D5)	541-02-6	0.050
XIX	185	邻苯二甲酸二环己酯	84-61-7	0.050
XIX	186	氧化硼钠*	12008-41-2	0.005
XIX	187	十二甲基环六硅氧烷(D6)	540-97-6	0.050
XIX	188	乙二胺	107-15-3	0.050
XIX	189	铅*	7439-92-1	0.005
XIX	190	八甲基环四硅氧烷(D4)	556-67-2	0.050
XIX	191	氢化三联苯	61788-32-7	0.050
XX	192	1,7,7-三甲基-3-(苯基亚甲基)双环[2.2.1]庚-2-酮(3-亚苄基樟脑)	15087-24-8	0.050
XX	193	4,4'-(1,3-二甲基丁基)二苯酚(1,3-DMBBP)	6807-17-6	0.050
XX	194	苯并(k)荧蒽(BkF)	207-08-9	0.050
XX	195	荧蒽(FLT)	206-44-0	0.050
XX	196	菲(PHE)	85-01-8	0.050
XX	197	芘(PYR)	129-00-0	0.050
XXI	198	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)(HFPO-DA)	-	0.050
XXI	199	2-甲氧基乙基乙酸酯	110-49-6	0.050



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测试报告
(SVHC)

No. CANEC2102957408

日期: 2021年03月17日 第16页,共18页

附录

所有测试的SVHC:

批次	序号	物质名称	CAS No.	RL (%)
XXI	200	4-叔丁基苯酚(PTBP)	98-54-4	0.050
XXI	201	三(4-壬基苯基, 支链和直链)亚磷酸酯(TNPP)(含≥0.1%的支链和直链4-壬基苯酚)	-	0.050
XXII	202	2-苄基-2-二甲基氨基-4'-吗啉基苯基丁酮	119313-12-1	0.050
XXII	203	2-甲基-1-(4-甲硫基苯基)-2-吗啉基-1-丙酮	71868-10-5	0.050
XXII	204	邻苯二甲酸二异己酯	71850-09-4	0.050
XXII	205	全氟丁烷磺酸及其盐	-	0.050
XXIII	206	1-乙烯基咪唑	1072-63-5	0.050
XXIII	207	2-甲基咪唑	693-98-1	0.050
XXIII	208	对羟基苯甲酸丁酯	94-26-8	0.050
XXIII	209	双(乙酰丙酮基)二丁基锡**	22673-19-4	0.050
XXIV	210	四乙二醇二甲醚	143-24-8	0.050
XXIV	211	二月桂酸二辛基锡及任何其他二辛基锡双(脂肪酰氧基)衍生物**	-	0.050

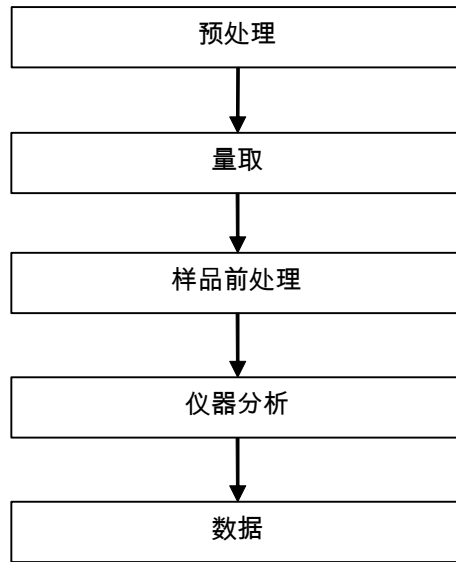


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附件

SVHC 测试流程图



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日期: 2021年03月17日 第18页,共18页

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