

# Test Report

No.: EGZ2410100003C00202R

Date: Oct. 16, 2024

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**Applicant** : Chipintelli Technology Co., Ltd.  
**委托单位** : 成都启英泰伦科技有限公司

**Address** : The 12th floor, Building 4A, Jingronghui, No.200 Tianfu 5th Street,  
High-tech Zone, Chengdu, China.  
**地址** : 成都市高新区天府五街 200 号菁蓉汇 4A 栋 12 楼

**Sample Name** : Chip  
**样品名称** : 芯片

**Model/型号** : CI13242

**Size/尺寸** : 长: 8.80mm, 宽: 5.91mm, 高: 1.47mm

**Weight/重量** : 0.1375g

**Received Date** : Oct. 10, 2024  
**接收日期** : 2024 年 10 月 10 日

**Test Period** : Oct. 10, 2024~Oct. 16, 2024  
**检测日期** : 2024 年 10 月 10 日~2024 年 10 月 16 日

**Test Requested** : 1. As specified by client, SVHC screening is performed according to:  
**检测要求** : 根据客户要求, 对高度关注物质(SVHC)进行筛分测试:  
(i) Two hundred and forty-one (241) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before Jun. 27, 2024 regarding Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals. 欧洲化学品管理局(ECHA)截止 2024 年 6 月 27 日公布的供授权审议的关于 REACH 第 1907/2006 号法规的高度关注物质清单中的 241 种物质。  
(ii) Another thirteen (13) potential Substances of Very High Concern (SVHC) proposed by European Chemicals Agency (ECHA) on and before Aug. 06, 2024. 欧洲化学品管理局(ECHA)截止 2024 年 8 月 6 日提议的另外 13 项潜在高度关注物质。  
(iii) One (1) potential Substances of Very High Concern (SVHC) in the notification of WTO on Jun. 1, 2021. 世界贸易组织(WTO)于 2021 年 6 月 1 日通报的 1 项潜在高度关注物质。  
2. As specified by client, to determine content of Phthalates (DINP).  
根据客户要求, 检测样品中邻苯二甲酸酯(DINP)含量。

**Test Results** : Please refer to next page (s).  
**检测结果** : 请参看随后页面。

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**Executive Summary:**  
执行测试总结:

STANDARD 标准	CONCLUSION 结论
1. According to the specified scope and analytical techniques, the test results of SVHC are $\leq 0.1\%$ (w/w) in the submitted sample. 根据指定范围和分析技术, 委托样品中高度关注物质(SVHC)的浓度均 $\leq 0.1\%$ (w/w)	PASS 合格
2. Phthalates –DINP (Client's Requirement) 邻苯二甲酸酯—DINP(客户要求)	PASS 合格



Signed for and on behalf of  
EMTEK(Guangzhou) Co., Ltd.

Prepared by:

*Hope*

Huang Mingyue, Hope  
Assistant engineer

Reviewed by:

*Ethan*

Sun Wei, Ethan  
Technical supervisor

Approved by:



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**Sample List:**

样品清单:

No. 序号	Sample Number 样品编号	Sample Name 样品名称
2	E2410100003-02	Chip 芯片

**Test Sample List:**

检测样品清单:

No. 序号	Sample Description 样品描述
2.1	Pin-silvery metal 引脚-银色金属
2.2	Chip-black hard plastic 芯片-黑色硬塑料

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## 1. SVHC in the candidate list

清单中的高度关注物质

**Remark:** (1) The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the following SVHC related documents published by ECHA:

**备注:**

本报告所涉及的关于特定高度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：

<https://echa.europa.eu/candidate-list-table>

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

这些文件清单由欧洲化学品管理署评估，将来会持续更新。

(2) Concerning article(s)关于物品:

Article 33 of REACH 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.

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，以使物品安全使用，这些信息至少包括含有候选清单中物质的名称。

Any EU producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7 of Regulation (EC) 1907/2006, 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 above a concentration of 0.1% weight by weight (w/w); and (b) the substance in the Candidate List is present in those articles in quantities totaling over one tone per producer or importer per year.

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。

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

If a SVHC is found over 0.1% (w/w) and/or the specific concentration limit 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:

如果样品中高度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 法规对有关高度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：

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

根据欧盟第 1272/2008 号 CLP 法规被列为有害物质。



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- 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

根据第 1272/2008 号 CLP 法规被列为危险混合物，而其浓度大于或等于欧盟第 1272/2008 号 CLP 法规列出的分类限值；或

- a mixture is not classified as hazardous under the CLP Regulation (EC) No 1272/2008, but contains either: (a) a substance posing human health or environmental hazards in an individual concentration of  $\geq 1\%$  by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures) or  $\geq 0.2\%$  by volume for gaseous mixtures; or (b) a substance that is PBT, or vPvB in an individual concentration of  $\geq 0.1\%$  by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures); or (c) a substance on the SVHC candidate list (for reasons other than those listed above), in an individual concentration of  $\geq 0.1\%$  by weight for non-gaseous mixtures; or (d) a substance for which there are Europe-wide workplace exposure limits.

根据欧盟第 1272/2008 号 CLP 法规并未列为危险混合物，但包含：(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 $\geq 0.1\%$  (w/w)或在气体混合物中占体积 $\geq 0.2\%$ ；或(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 $\geq 0.1\%$  (w/w)；或授权审议的高度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 $\geq 0.1\%$  (w/w)；或(d) 设有欧洲范围内工作场所接触限值的物质。

- (4) If a SVHC is found over the reporting limit (RL), client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

如果物品中 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。

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**Test Results:****检测结果:**

Test Method: Based on ASTM F2931-19 and In-house Method, using microwave digestion or solvent extraction methods, following analysis was performed by ICP-OES, GC-MS, IC, LC-MS, HPLC and UV.

测试方法: 依据 ASTM F2931-19 和内部方法 - 样品采用微波消解或溶剂进行萃取, 所得溶液经由 ICP-OES, GC-MS, IC, LC-MS, HPLC 和 UV 等仪器进行分析。

Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	EC No.	RL (%)	Test Results 检测结果(%)	
						2.1	2.2
-	-	All tested SVHC in the candidate list 清单中所有被测的SVHC	-	-	-	ND	ND

- Note: (1) The table above only shows detected SVHC, and SVHC that below RL are not reported. Please refer to Appendix for the full list of tested SVHC.  
备注: 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 = Reporting Limit. All RL are based on homogenous material.  
ND = Not detected (lower than RL), ND is denoted on the SVHC substance.  
RL = 报告极限值, 所有 RL 是基于均一材质的测试。  
ND = 未检出(低于 RL), ND 针对 SVHC 物质。
- (3) \* The test result is based on the calculation of selected element(s) and to the worst-case scenario. Calculated concentration of boric compounds are based on the total boron for liquid, powder and paste samples and water extractive boron for other samples by ICP-OES.  
\* 测试结果是由选定的元素或标记物的结果并基于最坏的情况计算得出。硼化合物的结果由 ICP-OES 测试总硼(液体、粉末、膏状类样品)和水提取(其他样品)的硼元素结果换算得出。
- (4) NA = Upon further test verification on the specific detected element(s) of SVHC and also information provided from client, the possibility that the element(s) content originate from SVHC is very unlikely, even though their presence cannot be excluded entirely. It may be assumed that the detected element(s) have a non-SVHC source.  
NA = 对该 SVHC 的特定被检元素进一步测试验证及客户提供的信息, 即使 SVHC 的存在不能完全被排除, 但该特定被检元素来自 SVHC 的可能性极小, 因此可假设被检测到的元素并非来自该 SVHC。

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## Appendix: Full list of tested SVHC(Non-metal)

附录: 所有测试的 SVHC (非金属)

Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	EC No.	RL (%)
I	1	4,4'- Diaminodiphenylmethane (MDA) 4,4'-二氨基二苯甲烷 (MDA)	101-77-9	202-974-4	0.010
I	2	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk Xylene) 二甲苯麝香(MX)	81-15-2	201-329-4	0.010
I	3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) 短链氯化石蜡(C10-13) (SCCP)	85535-84-8	287-476-5	0.010
I	4	Anthracene 蒽	120-12-7	204-371-1	0.010
I	5	Benzyl butyl phthalate (BBP) 邻苯二甲酸丁苄酯 (BBP)	85-68-7	201-622-7	0.010
I	6	Bis (2-ethylhexyl) phthalate (DEHP) 邻苯二甲酸二(2-乙基己)酯 (DEHP)	117-81-7	204-211-0	0.010
I	7	Bis(tributyltin) oxide (TBTO) 氧化双三丁基锡 (TBTO)	56-35-9	200-268-0	0.010
I	8	Cobalt dichloride 二氯化钴 *	7646-79-9	231-589-4	0.010
I	9	Diarsenic pentaoxide 五氧化二砷 *	1303-28-2	215-116-9	0.010
I	10	Diarsenic trioxide 三氧化二砷 *	1327-53-3	215-481-4	0.010
I	11	Dibutyl phthalate (DBP) 邻苯二甲酸二丁酯 (DBP)	84-74-2	201-557-4	0.010
I	12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified ( $\alpha$ -HBCDD, $\beta$ -HBCDD, $\gamma$ -HBCDD) 六溴环十二烷 (HBCDD) 及其所有主要的非对映异构体( $\alpha$ -HBCDD, $\beta$ -HBCDD, $\gamma$ -HBCDD)	25637-99-4 134237-50-6 134237-51-7 134237-52-8	247-148-4 221-695-9	0.010
I	13	Lead hydrogen arsenate 砷酸氢铅 *	7784-40-9	232-064-2	0.010
I	14	Sodium dichromate 重铬酸钠 *	10588-01-9 7789-12-0	234-190-3	0.010

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I	15	Triethyl arsenate 三乙基砷酸酯 *	15606-95-8	427-700-2	0.010
II	16	Acrylamide 丙烯酰胺	79-06-1	201-173-7	0.010
II	17	2,4-dinitrotoluene 2,4-二硝基甲苯	121-14-2	204-450-0	0.010
II	18	Anthracene oil 蒽油	90640-80-5	292-602-7	0.010
II	19	Anthracene oil, anthracene paste 蒽油, 蒽糊	90640-81-6	292-603-2	0.010
II	20	Anthracene oil, anthracene paste, anthracene fraction 蒽油, 蒽糊, 蒽馏分	91995-15-2	295-275-9	0.010
II	21	Anthracene oil, anthracene paste, distn. lights 蒽油, 蒽糊, 轻油	91995-17-4	295-278-5	0.010
II	22	Anthracene oil, anthracene-low 蒽油, 含蒽量少	90640-82-7	292-604-8	0.010
II	23	Diisobutyl phthalate (DIBP) 邻苯二甲酸二异丁酯 (DIBP)	84-69-5	201-553-2	0.010
II	24	Lead chromate 铬酸铅(铬黄) *	7758-97-6	231-846-0	0.010
II	25	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) 钼铬红 (C.I.颜料红 104) *	12656-85-8	235-759-9	0.010
II	26	Lead sulfochromate yellow (C.I. Pigment Yellow 34) 铅铬黄 (C.I.颜料黄 34) *	1344-37-2	215-693-7	0.010
II	27	Pitch, coal tar, high-temp. 高温煤焦油沥青	65996-93-2	266-028-2	0.010
II	28	Tris(2-chloroethyl) phosphate (TCEP) 磷酸三(2-氯乙基)酯 (TCEP)	115-96-8	204-118-5	0.010
III	29	Ammonium dichromate 重铬酸铵 *	7789-09-5	232-143-1	0.010
III	30	Boric acid 硼酸 *	11113-50-1 10043-35-3	233-139-2 234-343-4	0.010

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Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	EC No.	RL (%)
III	31	Disodium tetraborate, anhydrous 无水四硼酸钠 *	12179-04-3 1303-96-4 1330-43-4	215-540-4	0.010
III	32	Potassium chromate 铬酸钾 *	7789-00-6	232-140-5	0.010
III	33	Potassium dichromate 重铬酸钾 *	7778-50-9	231-906-6	0.010
III	34	Sodium chromate 铬酸钠 *	7775-11-3	231-889-5	0.010
III	35	Tetraboron disodium heptaoxide, hydrate 七水合四硼酸钠 *	12267-73-1	235-541-3	0.010
III	36	Trichloroethylene 三氯乙烯	79-01-6	201-167-4	0.010
IV	37	2-ethoxyethanol 2-乙氧基乙醇	110-80-5	203-804-1	0.010
IV	38	2-methoxyethanol 2-甲氧基乙醇	109-86-4	203-713-7	0.010
IV	39	Acids generated from chromium trioxide and their oligomers 铬酸, 重铬酸, 及其低聚铬酸 *	7738-94-5 13530-68-2	231-801-5 236-881-5	0.010
IV	40	Chromium trioxide 三氧化铬 *	1333-82-0	215-607-8	0.010
IV	41	Cobalt (II) carbonate 碳酸钴(II) *	513-79-1	208-169-4	0.010
IV	42	Cobalt (II) diacetate 乙酸钴(II) *	71-48-7	200-755-8	0.010
IV	43	Cobalt (II) dinitrate 硝酸钴(II) *	10141-05-6	233-402-1	0.010
IV	44	Cobalt (II) sulphate 硫酸钴(II) *	10124-43-3	233-334-2	0.010
V	45	1,2,3-trichloropropane 1,2,3-三氯丙烷	96-18-4	202-486-1	0.010
V	46	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) 邻苯二甲酸二(C6-8 支链)烷基酯(富C7链) (DIHP)	71888-89-6	276-158-1	0.010

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V	47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNU) 邻苯二甲酸二(C7-11支链与直链)烷基酯 (DHNU)	68515-42-4	271-084-6	0.010
V	48	1-Methyl-2-pyrrolidone (NMP) 1-甲基-2-吡咯烷酮 (NMP)	872-50-4	212-828-1	0.010
V	49	2-ethoxyethyl acetate 乙二醇乙醚醋酸酯	111-15-9	203-839-2	0.010
V	50	Hydrazine 肼	302-01-2 7803-57-8	206-114-9	0.010
V	51	Strontium chromate 铬酸锶 *	7789-06-2	232-142-6	0.010
VI	52	1,2-dichloroethane 1,2-二氯乙烷	107-06-2	203-458-1	0.010
VI	53	2,2'-dichloro-4,4'-methylenedianiline (MOCA) 4,4'-二氨基-3,3'-二氯二苯甲烷 (MOCA)	101-14-4	202-918-9	0.010
VI	54	2-Methoxyaniline, o-Anisidine 邻甲氧基苯胺	90-04-0	201-963-1	0.010
VI	55	4-(1,1,3,3-tetramethylbutyl) phenol 对特辛基苯酚	140-66-9	205-426-2	0.010
VI	56	Aluminosilicate Refractory Ceramic Fibres 硅酸铝耐火陶瓷纤维 *	-	-	0.010
VI	57	Arsenic acid 砷酸、原砷酸 *	7778-39-4	231-901-9	0.010
VI	58	Bis(2-methoxyethyl) ether 二乙二醇二甲醚	111-96-6	203-924-4	0.010
VI	59	Bis(2-methoxyethyl) phthalate 邻苯二甲酸二甲氧基乙酯	117-82-8	204-212-6	0.010
VI	60	Calcium arsenate 砷酸钙 *	7778-44-1	231-904-5	0.010
VI	61	Dichromium tris(chromate) 铬酸铬 *	24613-89-6	246-356-2	0.010
VI	62	Formaldehyde, oligomeric reaction products with aniline 甲醛与苯胺的低聚物	25214-70-4	500-036-1	0.010
VI	63	Lead diazide, Lead azide 迭氮化铅 *	13424-46-9	236-542-1	0.010

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VI	64	Lead dipicrate 苦味酸铅 *	6477-64-1	229-335-2	0.010
VI	65	Lead styphnate 2,4,6-三硝基苯二酚铅(史蒂芬酸铅) *	15245-44-0	239-290-0	0.010
VI	66	N,N-dimethylacetamide (DMAC) N,N-二甲基乙酰胺 (DMAC)	127-19-5	204-826-4	0.010
VI	67	Pentazinc chromate octahydroxide 氢氧化铬酸锌(锌黄) *	49663-84-5	256-418-0	0.010
VI	68	Phenolphthalein 酚酞	77-09-8	201-004-7	0.010
VI	69	Potassium hydroxyoctaoxodizincatedichromate 氢氧化铬酸锌钾 *	11103-86-9	234-329-8	0.010
VI	70	Trilead diarsenate 砷酸铅 *	3687-31-8	222-979-5	0.010
VI	71	Zirconia Aluminosilicate Refractory Ceramic Fibres 氧化锆硅酸铝耐火陶瓷纤维 *	-	-	0.010
VII	72	1,2-bis(2-methoxyethoxy)ethane (TEGDME, triglyme) 三甘醇二甲醚(TEGDME)	112-49-2	203-977-3	0.010
VII	73	1,2-dimethoxyethane, ethylene glycol dimethyl ether (EGDME) 乙二醇二甲醚(EGDME)	110-71-4	203-794-9	0.010
VII	74	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC) 异氰尿酸三缩水甘油酯 (TGIC)	2451-62-9	219-514-3	0.010
VII	75	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine- 2,4,6-(1H,3H,5H)-trione (β-TGIC) 异氰尿酸β-三缩水甘油酯 (β-TGIC)	59653-74-6	423-400-0	0.010
VII	76	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol 4,4'-二(二甲氨基)-4''-甲氨基三苯甲醇	561-41-1	209-218-2	0.010
VII	77	4,4'-bis(dimethylamino)benzophenone (Michler's ketone) 4,4'-双(二甲氨基)二苯酮 (米氏酮)	90-94-8	202-027-5	0.010
VII	78	[4-[4,4'-bis(dimethylamino) benzhydrylidene] cyclohexa- 2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3) with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2) C.I.碱性紫 3	548-62-9	208-953-6	0.010

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VII	79	[4-[[4-anilino-1-naphthyl] [4-(dimethylamino) phenyl] methylene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) with $\geq$ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2) C.I.碱性蓝 26	2580-56-5	219-943-6	0.010
VII	80	Diboron trioxide 三氧化二硼 *	1303-86-2	215-125-8	0.010
VII	81	Formamide 甲酰胺	75-12-7	200-842-0	0.010
VII	82	Lead(II) bis(methanesulfonate) 甲基磺酸铅(II) *	17570-76-2	401-750-5	0.010
VII	83	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) N,N,N',N'-四甲基-4,4'-二氨基二苯甲烷(米氏碱)	101-61-1	202-959-2	0.010
VII	84	$\alpha,\alpha$ -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) with $\geq$ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2) C.I.溶剂蓝 4	6786-83-0	229-851-8	0.010
VIII	85	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear 邻苯二甲酸戊基异戊酯	84777-06-0	284-032-2	0.010
VIII	86	1,2-diethoxyethane 乙二醇二乙醚	629-14-1	211-076-1	0.010
VIII	87	1-bromopropane (n-propyl bromide) 1-溴丙烷	106-94-5	203-445-0	0.010
VIII	88	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine 3-乙基-2-甲基-2-(3-甲基丁基)-1,3-恶唑烷	143860-04-2	421-150-7	0.010
VIII	89	4,4'-methylenedi-o-toluidine 4,4'-二氨基-3,3'-二甲基二苯甲烷	838-88-0	212-658-8	0.010
VIII	90	4,4'-oxydianiline and its salts 4,4'-二氨基二苯醚及其盐	101-80-4	202-977-0	0.010
VIII	91	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated 对特辛基苯酚乙氧基醚	9002-93-1	-	0.010
VIII	92	4-aminoazobenzene 4-氨基偶氮苯	60-09-3	200-453-6	0.010

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Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	EC No.	RL (%)
VIII	93	4-methyl-m-phenylenediamine (toluene-2,4-diamine) 2,4-二氨基甲苯	95-80-7	202-453-1	0.010
VIII	94	4-Nonylphenol, branched and linear 4-壬基(支链与直链)苯酚	-	-	0.010
VIII	95	6-methoxy-m-toluidine (p-cresidine) 2-甲氧基-5-甲基苯胺	120-71-8	204-419-1	0.010
VIII	96	[Phthalato(2-)]dioxotrilead 二盐基邻苯二甲酸铅 *	69011-06-9	273-688-5	0.010
VIII	97	Acetic acid, lead salt, basic 碱式乙酸铅 *	51404-69-4	257-175-3	0.010
VIII	98	Biphenyl-4-ylamine 4-氨基联苯	92-67-1	202-177-1	0.010
VIII	99	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE) 十溴联苯醚(DecaBDE)	1163-19-5	214-604-9	0.010
VIII	100	Cyclohexane-1,2-dicarboxylic anhydride 1,2-环己二甲酸酯酐 cis-cyclohexane-1,2-dicarboxylic anhydride 顺式-1,2-环己二甲酸酯酐 trans-cyclohexane-1,2-dicarboxylic anhydride 反式-1,2-环己二甲酸酯酐	85-42-7 13149-00-3 14166-21-3	201-604-9 236-086-3 238-009-9	0.010
VIII	101	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA) 偶氮二甲酰胺(ADCA)	123-77-3	204-650-8	0.010
VIII	102	Dibutyltin dichloride (DBTC) 二丁基二氯化锡(DBTC)	683-18-1	211-670-0	0.010
VIII	103	Diethyl sulphate 硫酸二乙酯	64-67-5	200-589-6	0.010
VIII	104	Diisopentyl phthalate (DIPP) 邻苯二甲酸二异戊酯 (DIPP)	605-50-5	210-088-4	0.010
VIII	105	Dimethyl sulphate 硫酸二甲酯	77-78-1	201-058-1	0.010
VIII	106	Dinoseb (6-sec-butyl-2,4-dinitrophenol) 地乐酚	88-85-7	201-861-7	0.010
VIII	107	Dioxobis(stearato)trilead 双(十八酸基)二氧代三铅 *	12578-12-0	235-702-8	0.010

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Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	EC No.	RL (%)
VIII	108	Fatty acids, C16-18, lead salts C16-18-脂肪酸铅盐 *	91031-62-8	292-966-7	0.010
VIII	109	Furan 呋喃	110-00-9	203-727-3	0.010
VIII	110	Henicosafuoroundecanoic acid 全氟十一烷酸	2058-94-8	218-165-4	0.010
VIII	111	Heptacosafuorotetradecanoic acid 全氟十四烷酸	376-06-7	206-803-4	0.010
VIII	112	Hexahydromethylphthalic anhydride 甲基六氢邻苯二甲酸酐 Hexahydro-3-methylphthalic anhydride 3-甲基六氢苯二甲酯酐 Hexahydro-4-methylphthalic anhydride 4-甲基六氢苯酐 Hexahydro-1-methylphthalic anhydride 甲基六氢化邻苯二甲酸酐	25550-51-0 57110-29-9 19438-60-9 48122-14-1	25550-51-0 260-566-1 243-072-0 256-356-4	0.010
VIII	113	Lead bis(tetrafluoroborate) 四氟硼酸铅 *	13814-96-5	237-486-0	0.010
VIII	114	Lead cyanamidate 氨基氰铅盐 *	20837-86-9	244-073-9	0.010
VIII	115	Lead dinitrate 硝酸铅 *	10099-74-8	233-245-9	0.010
VIII	116	Lead monoxide (lead oxide) 一氧化铅 *	1317-36-8	215-267-0	0.010
VIII	117	Lead oxide sulfate 碱式硫酸铅 *	12036-76-9	234-853-7	0.010
VIII	118	Lead titanium trioxide 钛酸铅 *	12060-00-3	235-038-9	0.010
VIII	119	Lead titanium zirconium oxide 钛酸铅锆 *	12626-81-2	235-727-4	0.010
VIII	120	Methoxyacetic acid 甲氧基乙酸	625-45-6	210-894-6	0.010
VIII	121	Methyloxirane (Propylene oxide). 1,2-环氧丙烷	75-56-9	200-879-2	0.010
VIII	122	N,N-dimethylformamide (DMF) N,N-二甲基甲酰胺 (DMF)	68-12-2	200-679-5	0.010

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VIII	123	N-methylacetamide N-甲基乙酰胺	79-16-3	201-182-6	0.010
VIII	124	N-pentyl-isopentylphthalate (iPnP) 邻苯二甲酸正戊基异戊基酯 (iPnP)	776297-69-9	-	0.010
VIII	125	o-aminoazotoluene 邻-氨基偶氮甲苯	97-56-3	202-591-2	0.010
VIII	126	o-toluidine 2-氨基甲苯	95-53-4	202-429-0	0.0100
VIII	127	Orange lead (lead tetroxide) 四氧化三铅 *	1314-41-6	215-235-6	0.010
VIII	128	Pentacosafuorotridecanoic acid 全氟十三烷酸	72629-94-8	276-745-2	0.010
VIII	129	Pentalead tetraoxide sulphate 硫酸四氧化五铅 *	12065-90-6	235-067-7	0.010
VIII	130	Pyrochlore, antimony lead yellow 铅锑黄 *	8012-00-8	232-382-1	0.010
VIII	131	Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped 掺杂铅的硅酸钡 *	68784-75-8	272-271-5	0.010
VIII	132	Silicic acid, lead salt 硅酸铅 *	11120-22-2	234-363-3	0.010
VIII	133	Sulfurous acid, lead salt, dibasic 二碱式亚硫酸铅 *	62229-08-7	263-467-1	0.010
VIII	134	Tetraethyllead 四乙基铅 *	78-00-2	201-075-4	0.010
VIII	135	Tetralead trioxide sulphate 硫酸三氧化四铅(三碱式硫酸铅) *	12202-17-4	235-380-9	0.010
VIII	136	Tricosafuorododecanoic acid 全氟十二烷酸	307-55-1	206-203-2	0.010
VIII	137	Trilead bis(carbonate) dihydroxide 碱式碳酸铅 *	1319-46-6	215-290-6	0.010
VIII	138	Trilead dioxide phosphonate 二碱式亚磷酸铅 *	12141-20-7	235-252-2	0.010
IX	139	4-Nonylphenol, branched and linear, ethoxylated 4-壬基(支链与直链)苯酚乙氧基醚	-	-	0.010
IX	140	Ammonium pentadecafluorooctanoate (APFO) 全氟辛酸铵(APFO)	3825-26-1	223-320-4	0.010

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IX	141	Cadmium 镉 *	7440-43-9	231-152-8	0.010
IX	142	Cadmium oxide 氧化镉 *	1306-19-0	215-146-2	0.010
IX	143	Dipentyl phthalate (DPP) 邻苯二甲酸二正戊酯(DPP)	131-18-0	205-017-9	0.010
IX	144	Pentadecafluorooctanoic acid (PFOA) 全氟辛酸(PFOA)	335-67-1	206-397-9	0.010
X	145	Cadmium sulphide 硫化镉(镉黄) *	1306-23-6	215-147-8	0.010
X	146	Dihexyl phthalate (DNHP) 邻苯二甲酸二正己酯 (DNHP)	84-75-3	215-147-8	0.010
X	147	Disodium,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) C.I.直接红28	573-58-0	209-358-4	0.010
X	148	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) C.I.直接黑 38	1937-37-7	217-710-3	0.010
X	149	Imidazolidine-2-thione (2-imidazoline-2-thiol) 2-巯基咪唑啉	96-45-7	202-506-9	0.010
X	150	Lead di(acetate) 乙酸铅 *	301-04-2	206-104-4	0.010
X	151	Trixylyl phosphate 磷酸三(二甲苯)酯	25155-23-1	246-677-8	0.010
XI	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear 邻苯二甲酸二(支链与直链)己基酯	68515-50-4	271-093-5	0.010
XI	153	Cadmium chloride 氯化镉 *	10108-64-2	233-296-7	0.010
XI	154	Sodium perborate, perboric acid, sodium salt 水合过硼酸钠 *	-	-	0.010
XI	155	Sodium peroxometaborate 过硼酸钠 *	7632-04-4	231-556-4	0.010

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XII	156	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(UV-328)	25973-55-1	247-384-8	0.010
XII	157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) 2-苯并三唑-2-基-4,6-二叔丁基苯酚(UV-320)	3846-71-7	223-346-6	0.010
XII	158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) 二正辛基-双(2-乙基己基巯基乙酸酯)锡(DOTE)	15571-58-1	239-622-4	0.010
XII	159	Cadmium fluoride 氟化镉 *	7790-79-6	232-222-0	0.010
XII	160	Cadmium sulphate 硫酸镉 *	10124-36-4, 31119-53-6	233-331-6	0.010
XII	161	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) 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	-	-	0.010
XIII	162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyldiesters 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%	68515-51-5	271-094-0	0.010
XIII	163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2], covering any of the individual stereoisomers of [1] and [2] or any combination thereof 5-二级丁基-2-(2,4-二甲基环己-3-烯-1-基)-5-甲基-1,3-二恶烷[1], 5-二级丁基-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]	-	-	0.010
XIV	164	1,3-propanesultone 1,3-丙磺酸内酯	1120-71-4	214-317-9	0.010
XIV	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol (UV-327) 2,4-二叔丁基-6-(5-氯苯并三唑-2-基)苯酚(UV-327)	3864-99-1	223-383-8	0.010

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XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350) 2-(2H-苯并三唑-2-基)-4-(叔丁基)-6-(仲丁基)苯酚(UV-350)	36437-37-3	253-037-1	0.010
XIV	167	Nitrobenzene 硝基苯	98-95-3	202-716-0	0.010
XIV	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts 全氟壬酸及其钠盐和铵盐	375-95-1 21049-39-8 4149-60-4	206-801-3 - -	0.010
XV	169	Benzo[a]pyrene 苯并[a]芘	50-32-8	200-028-5	0.010
XVI	170	4,4'-isopropylidenediphenol (bisphenol A) 4,4'-异亚丙基二酚(双酚 A)	80-05-7	201-245-8	0.010
XVI	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 3830-45-3 3108-42-7	206-400-3 - 221-470-5	0.010
XVI	172	4-Heptylphenol, branched and linear (4-HPbl) 4-庚基苯酚, 支链和直链	-	-	0.010
XVI	173	p-(1,1-dimethylpropyl) phenol (PTAP) 4-(1,1-二甲基丙基)苯酚 或 4-叔戊基苯酚(PTAP)	80-46-6	201-280-9	0.010
XVII	174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS) 全氟己基磺酸及其盐类(PFHxS)	-	-	0.010
XVIII	175	Benz[a]anthracene 苯并[a]蒽	56-55-3	200-280-6	0.010
XVIII	176	Cadmium carbonate 碳酸镉 *	513-78-0	208-168-9	0.010
XVIII	177	Cadmium hydroxide 氢氧化镉 *	21041-95-2	244-168-5	0.010
XVIII	178	Cadmium nitrate 硝酸镉 *	10325-94-7	233-710-6	0.010
XVIII	179	Chrysene 蒽	218-01-9	205-923-4	0.010

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Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	EC No.	RL (%)
XVIII	180	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1 <sup>6,9</sup> .0 <sup>2,13</sup> .0 <sup>5,10</sup> ]octadeca-7,15-diene ("Dechlorane Plus" <sup>TM</sup> ) [covering any of its individual anti- and syn-isomers or any combination thereof] 1,6,7,8,9,14,15,16,17,17,18,18-十二氯五环[12.2.1.1 <sup>6,9</sup> .0 <sup>2,13</sup> .0 <sup>5,10</sup> ]十八碳-7,15-二烯("德克隆" <sup>TM</sup> )[包括所有反式和顺式异构体及其组合]	-	-	0.010
XVIII	181	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] 1,3,4-噻二唑烷-2,5-二硫酮, 甲醛和 4-庚基苯酚的支链和直链(RP-HP)的反应产物[4-庚基苯酚, 支链和直链含量 ≥0.1%w / w]	-	-	0.010
XIX	182	Octamethylcyclotetrasiloxane (D4) 八甲基环四硅氧烷(D4)	556-67-2	209-136-7	0.010
XIX	183	Decamethylcyclopentasiloxane (D5) 十甲基环五硅氧烷(D5)	541-02-6	208-764-9	0.010
XIX	184	Dodecamethylcyclohexasiloxane (D6) 十二甲基环六硅氧烷(D6)	540-97-6	208-762-8	0.010
XIX	185	Lead * 铅	7439-92-1	231-100-4	0.010
XIX	186	Disodium octaborate * 八硼酸二钠	12008-41-2	234-541-0	0.010
XIX	187	Benzo[ghi]perylene 苯并[g,h,i]芘	191-24-2	205-883-8	0.010
XIX	188	Terphenyl, hydrogenated 氢化三联苯	61788-32-7	262-967-7	0.010
XIX	189	Ethylenediamine (EDA) 乙二胺(EDA)	107-15-3	203-468-6	0.010
XIX	190	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA) 苯-1,2,4-三羧酸 1,2-酐(偏苯三酸酐)(TMA)	552-30-7	209-008-0	0.010
XIX	191	Dicyclohexyl phthalate (DCHP) 邻苯二甲酸二环己酯(DCHP)	84-61-7	201-545-9	0.010
XX	192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane 2,2-双(4'-羟基苯基)-4-甲基戊烷	6807-17-6	401-720-1	0.010

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XX	193	Benzo[k]fluoranthene 苯并[k]荧蒹	207-08-9	205-916-6	0.010
XX	194	Fluoranthene 荧蒹	206-44-0	205-912-4	0.010
XX	195	Phenanthrene 菲	85-01-8	201-581-5	0.010
XX	196	Pyrene 芘	129-00-0	204-927-3	0.010
XX	197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor; 3-BC) 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; 3-BC)	15087-24-8	239-139-9	0.010
XXI	198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof) (HFPO-DA) 2,3,3,3-四氟-2-(七氟丙氧基)丙酸, 其盐类和酰卤(包括它们各自的异构体及其组合)(HFPO-DA)	-	-	0.010
XXI	199	2-methoxyethyl acetate 2-甲氧基乙基乙酸酯	110-49-6	203-772-9	0.010
XXI	200	4-tert-butylphenol 4-叔丁基苯酚	98-54-4	202-679-0	0.010
XXI	201	Tris (4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP) 三(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)	-	-	0.010
XXII	202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone 2-苄基-2-二甲氨基-1-(4-吗啉苯基)丁酮	119313-12-1	404-360-3	0.010
XXII	203	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	71868-10-5	400-600-6	0.010
XXII	204	Diisohexyl phthalate 邻苯二甲酸二异己酯	71850-09-4	276-090-2	0.010
XXII	205	Perfluorobutane sulfonic acid (PFBS) and its salts 全氟丁烷磺酸(PFBS)及其盐类	-	-	0.010

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Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	EC No.	RL (%)
XXIII	206	1-vinylimidazole 1-乙烯基咪唑	1072-63-5	214-012-0	0.010
XXIII	207	2-methylimidazole 2-甲基咪唑	693-98-1	211-765-7	0.010
XXIII	208	Butyl 4-hydroxybenzoate 4-羟基苯甲酸丁酯	94-26-8	202-318-7	0.010
XXIII	209	Dibutylbis(pentane-2,4-dionato-O,O')tin 二正丁基双(乙酰丙酮基)锡	22673-19-4	245-152-0	0.010
XXIV.	210	bis(2-(2-methoxyethoxy) ethyl) ether 双(2-(2-甲氧基乙氧基)乙基)醚	143-24-8	205-594-7	0.010
XXIV	211	Diocetyl tin dilaurate, stannane, dioctyl-, bis (coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety 二月桂酸二辛基锡, 锡烷, 二辛基-双(椰油酰氧基)衍生物, 以及任何其他锡烷基锡, 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	3648-18-8 91648-39-4	222-883-3 293-901-5	0.010
XXV	212	1,4-dioxane 1,4-二恶烷	123-91-1	204-661-8	0.010
XXV	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 (BMP) 2,2-二甲基丙烷-1-醇, 三溴衍生物/ 3-溴-2,2-双(溴甲基)-1-丙醇(TBNPA) 2,3-二溴-1-丙醇 (2,3-DBPA)	3296-90-0 36483-57-5 1522-92-5 96-13-9	221-967-7 253-057-0 - 202-480-9	0.010
XXV	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	-	-	0.010
XXV	215	4,4'-(1-methylpropylidene) bisphenol; (Bisphenol B) 4,4'-(1-甲基亚丙基)双酚; (双酚 B)	77-40-7	201-025-1	0.010
XXV	216	Glutaral 戊二醛	111-30-8	203-856-5	0.010

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Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	EC No.	RL (%)
XXV	217	Medium-chain chlorinated paraffins (MCCP, UVCB substances consisting of more than 80% linear chlorinated alkanes with carbon chain lengths in the range of C14 to C17) 中链氯化石蜡 (MCCP) [UVCB 物质, 由≥80%的直链氯代烷烃组成, 碳链长度在 C14 到 C17 之间]	-	-	0.010
XXV	218	Orthoboric acid, sodium salt 原硼酸, 钠盐	13840-56-7	237-560-2	0.010
XXV	219	Phenol, alkylation products (mainly in paraposition) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP) 来自低聚反应的具有 C12 富集的支链或直链烷基链的苯酚烷基化产物(主要在对位), 涵盖任何单独的异构体和/或其组合(PDDP)	-	-	0.010
XXVI	220	(±)-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) (±)-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)	-	-	0.010
XXVI	221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC) 2,2'-亚甲基双-(4-甲基-6-叔丁基苯酚)	119-47-1	204-327-1	0.010
XXVI	222	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 S-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	255881-94-8	401-850-9	0.010
XXVI	223	tris(2-methoxyethoxy) vinylsilane 乙烯基三(2-甲氧基乙氧基)硅烷	1067-53-4	213-934-0	0.010
XXVII	224	N-(Hydroxymethyl)acrylamide N-羟甲基丙烯酰胺	924-42-5	213-103-2	0.010
XXVIII	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	37853-59-1	253-692-3	0.010
XXVIII	226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol 四溴双酚 A	79-94-7	201-236-9	0.010
XXVIII	227	4,4'-sulphonyldiphenol 双酚 S	80-09-1	201-250-5	0.010
XXVIII	228	Barium diboron tetraoxide 偏硼酸钡	13701-59-2	237-222-4	0.010

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Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	EC No.	RL (%)
XXVIII	229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof 四溴邻苯二甲酸双(2-乙基己基)酯, 包括其每个异构体和/或它们的组合	-	-	0.010
XXVIII	230	Isobutyl 4-hydroxybenzoate 4-羟基苯甲酸 2-甲基丙酯	4247-02-3	224-208-8	0.010
XXVIII	231	Melamine 三聚氰胺	108-78-1	203-615-4	0.010
XXVIII	232	Perfluoroheptanoic acid and its salts 全氟庚酸及其盐类	-	-	0.010
XXVIII	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-2-基)吗啉和 2,2,3,3,5,5,6,6-八氟-4-(七氟丙基)吗啉的反应产物	-	473-390-7	0.010
XXIX	234	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	278-355-8	0.010
XXIX	235	Bis(4-chlorophenyl) sulphone 4,4'-二氯二苯砜	80-07-9	201-247-9	0.010
XXX	236	Bumetrizole 紫外线吸收剂 UV-326	3896-11-5	223-445-4	0.010
XXX	237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl) phenol 紫外线吸收剂 UV-329	3147-75-9	221-573-5	0.010
XXX	238	2-(Dimethylamino)-2-[(4-methylphenyl) methyl]-1-[4-(4-morpholinyl) phenyl]-1-butanone 2-二甲氨基-2-(4-甲基)苄基-1-[4-(4-吗啉基)苄基]-1-丁酮, 光引发剂 379	119344-86-4	438-340-0	0.010
XXX	239	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol 2-苯基丙烯与苯酚的低聚和烷基化反应产物	-	700-960-7	0.010
XXX	240	2,4,6-tri-tert-butylphenol 2,4,6-三叔丁基苯酚	732-26-3	211-989-5	0.010
XXXI	241	Bis(α,α-dimethylbenzyl) peroxide 过氧化二异丙苯	80-43-3	201-279-3	0.010
Add 1	242	Triphenyl phosphate 磷酸三苯酯	115-86-6	204-112-2	0.010
Add 1	243	Hexametyldisiloxane 六甲基二硅氧烷	107-46-0	203-492-7	0.010

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Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	EC No.	RL (%)
Add 1	244	Dodecamethylpentasiloxane 十二甲基五硅氧烷	141-63-9	205-492-2	0.010
Add 1	245	Decamethyltetrasiloxane 十甲基四硅氧烷	141-62-8	205-491-7	0.010
Add 1	246	1,1,1,3,5,5,5-heptamethyltrisiloxane 双三甲基硅氧基甲基硅烷	1873-88-7	217-496-1	0.010
Add 1	247	1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy] trisiloxane 甲基三(三甲基硅氧烷基)硅烷	17928-28-8	241-867-7	0.010
Add 1	248	Octamethyltrisiloxane 八甲基三硅氧烷	107-51-7	203-497-4	0.010
Add 1	249	Perfluamine 全氟三丙胺	338-83-0	206-420-2	0.010
Add 1	250	O,O,O-triphenyl phosphorothioate O,O,O-硫代磷酸三苯酯	597-82-0	209-909-9	0.010
Add 1	251	Tris(4-nonylphenyl, branched) phosphite 三(4-壬苯基)亚磷酸酯	-	701-028-2	0.010
Add 1	252	reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives 三苯基硫代磷酸酯和叔丁基苯基衍生物的反应物料	192268-65-8	421-820-9	0.010
Add 1	253	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5- dioxopyrrolidin-1-yl]hexanoic acid 6-[(C10-C13)-烷基-支链, 不饱和)-2,5-二氧吡咯烷-1- 基]己酸	2156592-54-8	701-118-1	0.010
Add 1	254	Barium chromate 铬酸钡	10294-40-3	233-660-5	0.010
Add 2	255	Resorcinol 间苯二酚	108-46-3	203-585-2	0.010

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## Appendix: Full list of tested SVHC(Metal)

附录: 所有测试的 SVHC(金属)

Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	EC No.	RL(%)
I	1	Bis(tributyltin) oxide (TBTO) 氧化双三丁基锡 (TBTO)	56-35-9	200-268-0	0.010
I	2	Cobalt dichloride 二氯化钴 *	7646-79-9	231-589-4	0.010
I	3	Diarsenic pentaoxide 五氧化二砷 *	1303-28-2	215-116-9	0.010
I	4	Diarsenic trioxide 三氧化二砷 *	1327-53-3	215-481-4	0.010
I	5	Lead hydrogen arsenate 砷酸氢铅 *	7784-40-9	232-064-2	0.010
I	6	Sodium dichromate 重铬酸钠 *	10588-01-9 7789-12-0	234-190-3	0.010
I	7	Triethyl arsenate 三乙基砷酸酯 *	15606-95-8	427-700-2	0.010
II	8	Lead chromate 铬酸铅(铬黄) *	7758-97-6	231-846-0	0.010
II	9	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) 钼铬红 (C.I.颜料红 104) *	12656-85-8	235-759-9	0.010
II	10	Lead sulfochromate yellow (C.I. Pigment Yellow 34) 铅铬黄 (C.I.颜料黄 34) *	1344-37-2	215-693-7	0.010
III	11	Ammonium dichromate 重铬酸铵 *	7789-09-5	232-143-1	0.010
III	12	Boric acid 硼酸 *	11113-50-1 10043-35-3	233-139-2 234-343-4	0.010
III	13	Disodium tetraborate, anhydrous 无水四硼酸钠 *	12179-04-3 1303-96-4 1330-43-4	215-540-4	0.010
III	14	Potassium chromate 铬酸钾 *	7789-00-6	232-140-5	0.010
III	15	Potassium dichromate 重铬酸钾 *	7778-50-9	231-906-6	0.010
III	16	Sodium chromate 铬酸钠 *	7775-11-3	231-889-5	0.010

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Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	EC No.	RL(%)
III	17	Tetraboron disodium heptaoxide, hydrate 七水合四硼酸钠 *	12267-73-1	235-541-3	0.010
IV	18	Acids generated from chromium trioxide and their oligomers 铬酸, 重铬酸, 及其低聚铬酸 *	7738-94-5 13530-68-2	231-801-5 236-881-5	0.010
IV	19	Chromium trioxide 三氧化铬 *	1333-82-0	215-607-8	0.010
IV	20	Cobalt(II) carbonate 碳酸钴(II) *	513-79-1	208-169-4	0.010
IV	21	Cobalt(II) diacetate 乙酸钴(II) *	71-48-7	200-755-8	0.010
IV	22	Cobalt(II) dinitrate 硝酸钴(II) *	10141-05-6	233-402-1	0.010
IV	23	Cobalt(II) sulphate 硫酸钴(II) *	10124-43-3	233-334-2	0.010
V	24	Strontium chromate 铬酸锶 *	7789-06-2	232-142-6	0.010
VI	25	Aluminosilicate Refractory Ceramic Fibres 硅酸铝耐火陶瓷纤维 *	-	-	0.010
VI	26	Arsenic acid 砷酸、原砷酸 *	7778-39-4	231-901-9	0.010
VI	27	Calcium arsenate 砷酸钙 *	7778-44-1	231-904-5	0.010
VI	28	Dichromium tris(chromate) 铬酸铬 *	24613-89-6	246-356-2	0.010
VI	29	Lead diazide, Lead azide 迭氮化铅 *	13424-46-9	236-542-1	0.010
VI	30	Lead dipicrate 苦味酸铅 *	6477-64-1	229-335-2	0.010
VI	31	Lead styphnate 2,4,6-三硝基苯二酚铅(史蒂芬酸铅) *	15245-44-0	239-290-0	0.010
VI	32	Pentazinc chromate octahydroxide 氢氧化铬酸锌(锌黄) *	49663-84-5	256-418-0	0.010
VI	33	Potassium hydroxyoctaoxodizincatedichromate 氢氧化铬酸锌钾 *	11103-86-9	256-418-0	0.010

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Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	EC No.	RL(%)
VI	34	Trilead diarsenate 砷酸铅 *	3687-31-8	234-329-8	0.010
VI	35	Zirconia Aluminosilicate Refractory Ceramic Fibres 氧化锆硅酸铝耐火陶瓷纤维 *	-	222-979-5	0.010
VII	36	Diboron trioxide 三氧化二硼 *	1303-86-2	-	0.010
VII	37	Lead(II) bis(methanesulfonate) 甲基磺酸铅(II) *	17570-76-2	215-125-8	0.010
VIII	38	[Phthalato(2-)]dioxotrilead 二盐基邻苯二甲酸铅 *	69011-06-9	401-750-5	0.010
VIII	39	Acetic acid, lead salt, basic 碱式乙酸铅 *	51404-69-4	273-688-5	0.010
VIII	40	Dioxobis(stearato)trilead 双(十八酸基)二氧化三铅 *	12578-12-0	257-175-3	0.010
VIII	41	Fatty acids, C16-18, lead salts C16-18-脂肪酸铅盐 *	91031-62-8	235-702-8	0.010
VIII	42	Lead bis(tetrafluoroborate) 四氟硼酸铅 *	13814-96-5	292-966-7	0.010
VIII	43	Lead cyanamidate 氨基氰铅盐 *	20837-86-9	237-486-0	0.010
VIII	44	Lead dinitrate 硝酸铅 *	10099-74-8	244-073-9	0.010
VIII	45	Lead monoxide (lead oxide) 一氧化铅 *	1317-36-8	233-245-9	0.010
VIII	46	Lead oxide sulfate 碱式硫酸铅 *	12036-76-9	215-267-0	0.010
VIII	47	Lead titanium trioxide 钛酸铅 *	12060-00-3	234-853-7	0.010
VIII	48	Lead titanium zirconium oxide 钛酸铅锆 *	12626-81-2	235-038-9	0.010
VIII	49	Orange lead (lead tetroxide) 四氧化三铅 *	1314-41-6	215-235-6	0.010
VIII	50	Pentalead tetraoxide sulphate 硫酸四氧化五铅 *	12065-90-6	235-727-4	0.010
VIII	51	Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped 掺杂铅的硅酸钡 *	68784-75-8	215-235-6	0.010

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Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	EC No.	RL(%)
VIII	52	Silicic acid, lead salt 硅酸铅 *	11120-22-2	235-067-7	0.010
VIII	53	Sulfurous acid, lead salt, dibasic 二碱式亚硫酸铅 *	62229-08-7	272-271-5	0.010
VIII	54	Tetraethyllead 四乙基铅 *	78-00-2	234-363-3	0.010
VIII	55	Tetralead trioxide sulphate 硫酸三氧化四铅(三碱式硫酸铅) *	12202-17-4	263-467-1	0.010
VIII	56	Trilead bis(carbonate) dihydroxide 碱式碳酸铅 *	1319-46-6	201-075-4	0.010
VIII	57	Trilead dioxide phosphonate 二碱式亚磷酸铅 *	12141-20-7	235-380-9	0.010
IX	58	Cadmium 镉 *	7440-43-9	215-290-6	0.010
IX	59	Cadmium oxide 氧化镉 *	1306-19-0	235-252-2	0.010
X	60	Cadmium sulphide 硫化镉(镉黄) *	1306-23-6	231-152-8	0.010
X	61	Lead di(acetate) 乙酸铅 *	301-04-2	215-146-2	0.010
XI	62	Cadmium chloride 氯化镉 *	10108-64-2	215-147-8	0.010
XI	63	Sodium perborate, perboric acid, sodium salt 水合过硼酸钠 *	-	206-104-4	0.010
XI	64	Sodium peroxometaborate 过硼酸钠 *	7632-04-4	233-296-7	0.010
XII	65	Cadmium fluoride 氟化镉 *	7790-79-6	-	0.010
XII	66	Cadmium sulphate 硫酸镉 *	10124-36-4, 31119-53-6	233-331-6	0.010
XVIII	67	Cadmium carbonate 碳酸镉 *	513-78-0	231-556-4	0.010
XVIII	68	Cadmium hydroxide 氢氧化镉 *	21041-95-2	232-222-0	0.010
XVIII	69	Cadmium nitrate 硝酸镉 *	10325-94-7	233-331-6	0.010

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Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	EC No.	RL(%)
XIX	70	Lead 铅*	7439-92-1	208-168-9	0.010
XIX	71	Disodium octaborate * 八硼酸二钠	12008-41-2	244-168-5	0.010
XXV	72	Orthoboric acid, sodium salt 原硼酸, 钠盐	13840-56-7	233-710-6	0.010
XXVIII	73	Barium diboron tetraoxide 偏硼酸钡	13701-59-2	231-100-4	0.010
Add 1	74	Barium chromate 铬酸钡	10294-40-3	233-660-5	0.010

**Test Results:**

检测结果:

**2. Phthalates –DINP**

邻苯二甲酸酯—DINP

Test method: To refer to the Standard Operating Procedure for Determination of Phthalate published by CPSC-CH-C1001-09.4, the analysis was performed by GC-MS.

检测方法: 参考 CPSC-CH-C1001-09.4, 所得溶液经由 GC-MS 析检测。

Test Item(s) 测试项目	Results/结果(mg/kg)	MDL (mg/kg)	Client's Limit 客户限值 (mg/kg)
	2.2		
Diisononyl phthalate (DINP) 邻苯二甲酸二异壬酯 (DINP)	ND	50	600

Note: mg/kg = part per million = ppm  
备注: mg/kg = 百万分之一 = ppm  
ND = Not Detected (Less than MDL)  
ND = 未检测到 (小于 MDL)

MDL = Method Detection Limit  
MDL=方法检测限



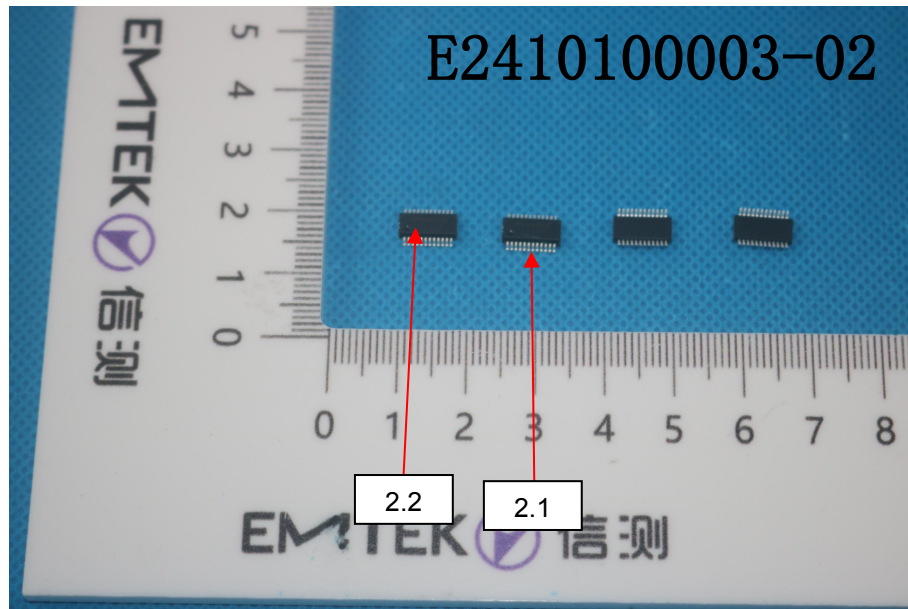
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Sample Photo:  
样品照片:



\*\*\* End of Report \*\*\*  
\*\*\* 报告结束 \*\*\*

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## 声明 Statement

- 1.本检测报告首页所列信息中除样品来源、接样日期、检测日期、检测结果和检测结论外，均由委托方提供，委托方对样品的代表性和资料的真实性负责，本实验室不承担任何相关责任。  
The information as listed on the first page of this test report was all provided by the client except the sample from, date received, test period, test results and test conclusion. The client shall be responsible for the representativeness of sample and authenticity of materials, for which EMTEK shall bear no responsibilities.
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