CTI 华测检测

检测报告
Test Report

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报告抬头公司名称 Company Name shown on Report 东科半导体(安徽)股份有限公司
DONGKE SEMICONDUCTOR (ANHUI) CO.,LTD.

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以下测试之样品及样品信息由申请者提供并确认
The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

样品名称	氮化镓电源管理芯片
Sample Name	GaN Power Management Chip
样品型号	PDFN5x6 DK036G
Model No.	PDFN5x6 DK036G
材料名称	塑封料、框架/环氧树脂、铜
Material	Molding compound、Leadframe/Epoxy、Cu
样品接收日期	2024.11.05
Sample Received Date	Nov. 5, 2024
样品检测日期	2024.11.05-2024.11.13
Testing Period	Nov. 5, 2024 to Nov. 13, 2024

检测要求/检测依据/检测结果 Test Requested/Test Method/Test Result(s) 请参见下页。
Please refer to the following page(s).

摘要 Summary

根据分析结果，所提交样品中 SVHC 浓度≤ 0.1% (w/w)。
According to the analytical results, concentrations of SVHC are ≤ 0.1% (w/w) in the submitted sample(s).

批准 Approved by 陈凯敏 实验室经理 Lab Manager

日期 Date 2024.11.13

No. R591317373

上海华测品标检测技术有限公司
Centre Testing International Pinbiao(Shanghai) Co., Ltd.
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检测要求

1.根据客户要求，参照法规(EC) No 1907/2006(REACH)，对所提交样品中 242 种高关注物质(SVHC)进行筛选测试。
2.根据客户要求，对由欧盟成员国向欧盟化学管理局(ECHA)所提交的 6 种于 2024 年 8 月 30 日公布意向成为法规(EC) No 1907/2006(REACH)中高关注度物质(SVHC)的候选物质进行筛选测试。
3.根据客户要求，对由欧盟成员国向欧盟化学管理局(ECHA)所提交的 1 种于 2021 年 6 月 1 日公布意向成为法规(EC) No 1907/2006(REACH)中高关注度物质(SVHC)的候选物质进行筛选测试。
4.根据客户要求，对 6 种潜在意向 SVHC 物质进行筛选测试。

Test Requested

1.As specified by client, to screen the 242 substances of very high concern (SVHC) under Regulation (EC) No 1907/2006 of REACH in the submitted sample(s).
2.As specified by client, to screen the 6 substance published on August 30th 2024 submitted by EU Member States to ECHA for intention for identification of substance of very high concern (SVHC) under Regulation (EC) No 1907/2006 of REACH in the submitted sample(s).
3.As specified by client, to screen the 1 substance published on June 1st 2021 submitted by EU Member States to ECHA for intention for identification of substance of very high concern (SVHC) under Regulation (EC) No1907/2006 of REACH in the submitted sample(s).
4.As specified by client, to screen the 6 potential intentional substances for identification of SVHC in the submitted sample(s).

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检测结果1 Test Result(s) 1

批次 Batch	序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	浓度 Concentration (%)	RL (%)
				002	
-	-	所有 SVHC 物质（见候选清单） All tested SVHC (See the candidate list)	-	N.D.	-

检测结果 2 Test Result(s) 2

批次 Batch	序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	浓度 Concentration (%)	RL (%)
				002	
-	-	所有意向/潜在意向 SVHC 物质（见意向/潜在意向 SVHC 物质清单） All tested intention/potential intention for identification of SVHC (See the list of intention/potential intention for identification of SVHC)	-	N.D.	-

检测依据 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(E), EN 14582:2016 进行样品预处理。
Refer to US EPA3052:1996, US EPA 3050B:1996, US EPA3060A:1996, US EPA 3550C:2007, US EPA 3540C:1996, ISO 17353:2004(E), EN 14582:2016 for sample pretreatment.
采用 ICP-OES, UV-Vis, PLM, SEM, IC, HPLC, GC-MS, GC-MS(NCI), GC-FID, HPLC-DAD 及 LC-MS-MS 分析。
Analyzed by ICP-OES, UV-Vis, PLM, SEM, IC, HPLC, GC-MS, GC-MS(NCI), GC-FID, HPLC-DAD and LC-MS-MS.

样品/部位描述 Sample/Part Description

序号 No.	CTI 样品 ID CTI Sample ID	描述 Description
1	002	电子元器件（整体测试） Electronic components(Tested as a whole)

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备注 Remark:

1. 结果仅显示检出的 SVHC，低于 RL 的 SVHC 没有列出。所有测试的 SVHC 见下页的 SVHC/意向/潜在意向 SVHC 清单。The table of tested result(s) only shows detected SVHC, and SVHC that below RL are not reported. Please refer to the List of SVHC/intention/potential intention for identification of SVHC on next pages.
2. w/w % = 重量百分比 weight by weight; 0.1% = 1000mg/kg = 1000ppm
3. N.D. = 未检出 Not Detected (< RL)
4. RL = 报告检出限 Report Limit (当浓度值≥RL 时显示数据。RL 不同于法规限值。Concentration value will be shown if it ≥ RL. RL is not regulatory limit.)
5. ※ = 意向 SVHC (Intention for identification of SVHC)
6. ⁂ = 潜在意向 SVHC (Potential intention for identification of SVHC)
7. *: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), Monooctyl Tins(MOT)).
8. **: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).
9. ***:C.I.:颜料索引号 Colour Index
10. ****:蒸馏所分离出来的轻油部分 Light fractions from distillation
11. *****: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，无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 Tetraboron 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.

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12. ▲: 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'-二氨基二苯基甲烷、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).
13. 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≥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.
14. 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.
15. 按照目前手段，样品无法进一步拆分，样品整体测试，测试结果不代表整体测试样品中任何一种单一材质的含量。
The sample(s) was tested as a whole, because it's impossible to disassemble or separate it by current equipment and technology.The result(s) shown on this report may be different from the content of any homogeneous material.

注释 Note:

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.

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SVHC 候选清单 Candidate List of SVHC

批次 Batch	序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	RL (%)
I	1	蒽 Anthracene	120-12-7	0.005
I	2	4,4'-二氨基二苯基甲烷 4,4'- Diaminodiphenylmethane	101-77-9	0.005
I	3	邻苯二甲酸二丁酯 Dibutyl phthalate (DBP)	84-74-2	0.005
I	4	二氯化钴 Cobalt dichloride*	7646-79-9	0.01
I	5	五氧化二砷 Diarsenic pentaoxide*	1303-28-2	0.01
I	6	三氧化二砷 Diarsenic trioxide*	1327-53-3	0.01
I	7	重铬酸钠 Sodium dichromate*	7789-12-0 10588-01-9	0.01
I	8	二甲苯麝香 5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	81-15-2	0.005
I	9	邻苯二甲酸二(2-乙基己基)酯 Bis(2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	0.005
I	10	六溴环十二烷 Hexabromocyclododecane (HBCDD)	25637-99-4 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)	0.005
I	11	短链氯化石蜡 Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCPs)	85535-84-8	0.01
I	12	三丁基氧化锡 Bis(tributyltin) oxide (TBTO)*	56-35-9	0.01
I	13	砷酸氢铅 Lead hydrogen arsenate*	7784-40-9	0.01
I	14	邻苯二甲酸丁基苄酯 Benzyl butyl phthalate(BBP)	85-68-7	0.005
I	15	三乙基砷酸酯 Triethyl arsenate*	15606-95-8	0.01
II	16	①蒽油 Anthracene oil	90640-80-5	0.05
II	17	①蒽油,蒽糊,轻油 Anthracene oil, anthracene paste, distn. lights****	91995-17-4	0.05
II	18	①蒽油,蒽糊,蒽馏分 Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	0.05
II	19	①蒽油,含蒽量少 Anthracene oil, anthracene-low	90640-82-7	0.05
II	20	①蒽油,蒽糊 Anthracene oil, anthracene paste	90640-81-6	0.05
II	21	①煤焦油沥青,高温 Pitch, coal tar, high-temp.	65996-93-2	0.05
II	22	丙烯酰胺 Acrylamide	79-06-1	0.01
II	23	2,4-二硝基甲苯 2,4-dinitrotoluene	121-14-2	0.01
II	24	邻苯二甲酸二异丁酯 Diisobutyl phthalate (DIBP)	84-69-5	0.005
II	25	②铬酸铅 Lead chromate	7758-97-6	0.05
II	26	②钼铬红(C.I.颜料红 104) Lead chromate molybdate sulphate red (C.I. Pigment Red 104)***	12656-85-8	0.05
II	27	②铅铬黄(C.I.颜料黄 34) Lead sulfochromate yellow (C.I. Pigment Yellow 34)***	1344-37-2	0.05
II	28	磷酸三(2-氯乙基)酯 Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	0.01
III	29	三氯乙烯 Trichloroethylene	79-01-6	0.005
III	30	硼酸 Boric acid*	10043-35-3 11113-50-1	0.01

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批次 Batch	序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	RL (%)
III	31	②四硼酸钠，无水 Disodium tetraborate, anhydrous*****	1330-43-4 12179-04-3 1303-96-4	0.01
III	32	②四硼酸钠，水合物 Tetraboron disodium heptaoxide, hydrate*****	12267-73-1	0.01
III	33	铬酸钠 Sodium chromate*	7775-11-3	0.01
III	34	铬酸钾 Potassium chromate*	7789-00-6	0.01
III	35	重铬酸铵 Ammonium dichromate*	7789-09-5	0.01
III	36	重铬酸钾 Potassium dichromate*	7778-50-9	0.01
IV	37	硫酸钴 Cobalt(Ⅱ) sulphate*	10124-43-3	0.01
IV	38	硝酸钴 Cobalt(Ⅱ) dinitrate*	10141-05-6	0.01
IV	39	碳酸钴 Cobalt(Ⅱ) carbonate*	513-79-1	0.01
IV	40	醋酸钴 Cobalt(Ⅱ) diacetate*	71-48-7	0.01
IV	41	乙二醇单甲醚 2-methoxyethanol	109-86-4	0.005
IV	42	乙二醇单乙醚 2-ethoxyethanol	110-80-5	0.005
IV	43	三氧化铬Chromium trioxide*	1333-82-0	0.01
IV	44	①铬酸及其低聚物、重铬酸及其低聚物 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	0.01
V	45	乙二醇乙醚乙酸酯 2-ethoxyethyl acetate	111-15-9	0.01
V	46	铬酸锶 Strontium chromate*	7789-06-2	0.01
V	47	①1,2-苯二酸-二(C7-11 支链与直链)烷基(醇)酯 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	0.01
V	48	肼 Hydrazine	7803-57-8 302-01-2	0.01
V	49	N-甲基吡咯烷酮 1-methyl-2-pyrrolidone (NMP)	872-50-4	0.01
V	50	1，2，3-三氯丙烷 1,2,3-trichloropropane	96-18-4	0.01
V	51	①邻苯二甲酸二C6-8支链烷基酯(C7富集) 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	0.01
VI	52	铬酸铬 Dichromium tris(chromate)*	24613-89-6	0.01
VI	53	氢氧化铬酸锌钾 Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9	0.01
VI	54	氢氧化铬酸锌 Pentazinc chromate octahydroxide*	49663-84-5	0.01
VI	55	②硅酸铝耐火陶瓷纤维 Aluminosilicate Refractory Ceramic Fibres (RCF)**	-	0.05
VI	56	②氧化锆硅酸铝耐火陶瓷纤维 Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)**	-	0.05
VI	57	①甲醛与苯胺的低聚物 Formaldehyde, oligomeric reaction products with aniline▲	25214-70-4	0.01
VI	58	邻苯二甲酸二甲氧基乙酯 Bis(2-methoxyethyl) phthalate	117-82-8	0.005
VI	59	2-甲氧基苯胺(邻甲氧基苯胺) 2-Methoxyaniline (o-Anisidine)	90-04-0	0.005
VI	60	4-(1,1,3,3-四甲基丁基)苯酚 (别名：对特辛基苯酚) 4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	0.005
VI	61	1,2-二氯乙烷 1,2-dichloroethane	107-06-2	0.005
VI	62	双(2-甲氧基乙基)醚(别名：二乙二醇二甲醚) Bis(2-methoxyethyl) ether	111-96-6	0.005

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VI	63	砷酸 Arsenic acid*	7778-39-4	0.01
VI	64	砷酸钙 Calcium arsenate*	7778-44-1	0.01
VI	65	砷酸铅 Trilead diarsenate*	3687-31-8	0.01
VI	66	N,N-二甲基乙酰胺 N,N-dimethylacetamide (DMAC)	127-19-5	0.005
VI	67	4,4'-亚甲基双(2-氯苯胺) 2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	0.005
VI	68	酚酞 Phenolphthalein	77-09-8	0.005
VI	69	叠氮化铅 Lead diazide, Lead azide*	13424-46-9	0.01
VI	70	2,4,6-三硝基间苯二酚铅(别名：收敛酸铅) Lead styphnate*	15245-44-0	0.01
VI	71	苦味酸铅 Lead dipicrate*	6477-64-1	0.01
VII	72	1,2-二(2-甲氧基乙氧基)乙烷 1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	0.01
VII	73	乙二醇二甲醚 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	0.01
VII	74	三氧化二硼 Diboron trioxide*	1303-86-2	0.01
VII	75	甲酰胺 Formamide	75-12-7	0.01
VII	76	甲基磺酸铅 Lead(II) bis(methanesulfonate)*	17570-76-2	0.01
VII	77	异氰尿酸三缩水甘油脂 1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	0.01
VII	78	异氰脲酸 β-三缩水甘油酯 1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	59653-74-6	0.01
VII	79	4,4'-二(N,N-二甲氨基)二苯甲酮(米氏酮) 4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8	0.01
VII	80	4,4'-(对二甲氨基)二苯基甲烷(米氏碱) N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	0.01
VII	81	C.I.碱性紫 3 [4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride(C.I. Basic Violet 3)***	548-62-9	0.01
VII	82	C.I.碱性蓝 26 [4-[[4-anilino-1-naphthyl] [4-(dimethylamino)phenyl] methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride(C.I. Basic Blue 26)***	2580-56-5	0.01
VII	83	C.I.溶剂蓝 4 α,α-Bis[4-(dimethylamino)phenyl]-4(phenylamino) naphthalene-1-methanol (C.I. Solvent Blue 4)***	6786-83-0	0.01
VII	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	0.01
VIII	85	十溴二苯醚 Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	0.05

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批次 Batch	序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	RL (%)
VIII	86	①4-壬基酚，分支或线性的壬基酚，包括含有 9 个碳烷基链的所有独立的同分异构体和所有含有线性或分支 9 个碳烷基链的 UVCB 物质 4-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]*	-	0.05
VIII	87	偶氮二甲酰胺 Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))(ADCA)	123-77-3	0.05
VIII	88	对特辛基苯酚乙氧基醚 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated *[covering well-defined substances and UVCB substances, polymers and homologues]*	-	0.05
VIII	89	全氟十一烷酸 Henicosafluoroundecanoic acid	2058-94-8	0.05
VIII	90	全氟十三酸 Pentacosafluorotridecanoic acid	72629-94-8	0.05
VIII	91	六氢邻苯二甲酸酐, 顺式-六氢邻苯二甲酸酐, 反式-六氢邻苯二甲酸酐 Cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7 13149-00-3 14166-21-3	0.05
VIII	92	甲基六氢苯酐, 4-甲基六氢苯酐, 1-甲基六氢化邻苯二甲酸酐, 3-甲基六氢苯二甲酯酐 Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0 19438-60-9 48122-14-1 57110-29-9	0.05
VIII	93	全氟十四酸 Heptacosafluorotetradecanoic acid	376-06-7	0.05
VIII	94	邻苯二甲酸二异戊酯 Diisopentyl phthalate (DIPP)	605-50-5	0.05
VIII	95	①支链和直链 1,2-苯二羧二戊酯 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	0.05
VIII	96	邻苯二甲酸正戊基异戊基酯 n-pentyl-isopentylphthalate	776297-69-9	0.05
VIII	97	甲氧基乙酸 Methoxyacetic acid	625-45-6	0.05
VIII	98	全氟十二烷酸 Tricosafluorododecanoic acid	307-55-1	0.05
VIII	99	乙二醇二乙醚 1,2-diethoxyethane	629-14-1	0.05
VIII	100	3-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	0.05
VIII	101	2,4-二氨基甲苯 4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	0.05
VIII	102	N-甲基乙酰胺 N-methylacetamide	79-16-3	0.05
VIII	103	氧化铅与硫酸铅的复合物 Pentalead tetraoxide sulphate*	12065-90-6	0.01
VIII	104	4-氨基联苯 Biphenyl-4-ylamine	92-67-1	0.05
VIII	105	地乐酚 Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	0.05
VIII	106	双(十八酸基)二氧代三铅 Dioxobis(stearato)trilead*	12578-12-0	0.01
VIII	107	硝酸铅 Lead dinitrate*	10099-74-8	0.01
VIII	108	三碱式硫酸铅 Tetralead trioxide sulphate*	12202-17-4	0.01
VIII	109	氧化铅 Lead monoxide (lead oxide)*	1317-36-8	0.01

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VIII	110	钛酸铅 Lead titanium trioxide*	12060-00-3	0.01
VIII	111	4,4'-二氨基-3,3'-二甲基二苯甲烷 4,4'-methylenedi-o-toluidine	838-88-0	0.05
VIII	112	碱式乙酸铅 Acetic acid, lead salt, basic*	51404-69-4	0.01
VIII	113	硫酸二甲酯 Dimethyl sulphate	77-78-1	0.05
VIII	114	呋喃 Furan	110-00-9	0.05
VIII	115	颜料黄 41 Pyrochlore, antimony lead yellow*	8012-00-8	0.01
VIII	116	四乙基铅 Tetraethyllead*	78-00-2	0.01
VIII	117	二盐基邻苯二甲酸铅[Phthalato(2-)]dioxotrilead*	69011-06-9	0.01
VIII	118	硫酸二乙酯 Diethyl sulphate	64-67-5	0.05
VIII	119	氨基氰铅盐 Lead cyanamidate*	20837-86-9	0.01
VIII	120	掺杂铅的硅酸钡 Silicic acid ($H_2Si_2O_5$), barium salt (1:1), lead-doped*	68784-75-8	0.01
VIII	121	磷酸氧化铅 Trilead dioxide phosphonate*	12141-20-7	0.01
VIII	122	邻甲基苯胺 *o*-Toluidine	95-53-4	0.05
VIII	123	邻氨基偶氮甲苯 *o*-aminoazotoluene	97-56-3	0.05
VIII	124	4-对氨基偶氮苯 4-aminoazobenzene	60-09-3	0.05
VIII	125	6-甲氧基-间甲苯胺 6-methoxy-*m*-toluidine (*p*-cresidine)	120-71-8	0.05
VIII	126	二丁基二氯化锡 Dibutyltin dichloride (DBTC)*	683-18-1	0.05
VIII	127	钛酸铅锆 Lead titanium zirconium oxide*	12626-81-2	0.01
VIII	128	环氧丙烷 Methyloxirane (Propylene oxide)	75-56-9	0.05
VIII	129	1-溴代正丙烷 1-bromopropane (n-propyl bromide)	106-94-5	0.05
VIII	130	碱式碳酸铅 Trilead bis(carbonate) dihydroxide*	1319-46-6	0.01
VIII	131	C16-18-脂肪酸铅盐 Fatty acids, C16-18, lead salts*	91031-62-8	0.01
VIII	132	四氧化三铅 Orange lead (lead tetroxide)*	1314-41-6	0.01
VIII	133	二碱式亚硫酸铅(II) Sulfurous acid, lead salt, dibasic*	62229-08-7	0.01
VIII	134	4,4'-二氨基二苯醚及其盐 4,4'-oxydianiline and its salts	101-80-4	0.05
VIII	135	碱式硫酸铅 Lead oxide sulfate*	12036-76-9	0.01
VIII	136	四氟硼酸铅 Lead bis(tetrafluoroborate)*	13814-96-5	0.01
VIII	137	硅酸铅 Silicic acid, lead salt*	11120-22-2	0.01
VIII	138	N,N-二甲基甲酰胺 N,N-dimethylformamide	68-12-2	0.05
IX	139	镉 Cadmium	7440-43-9	0.01
IX	140	氧化镉 Cadmium oxide*	1306-19-0	0.01
IX	141	邻苯二甲酸二戊酯 Dipentyl phthalate (DPP)	131-18-0	0.01
IX	142	①乙氧基化的支链和直链的 4-壬基酚（直链和/或支链的具有 9 个碳原子的烷基链共价键合在 4 位的乙氧基酚，囊括了 UVCB 和定义明确的物质，聚合物及同系物，其中包括任何单独的异构体和/或它们的组合）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]*	-	0.05
IX	143	全氟辛酸铵 Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	0.01
IX	144	全氟辛烷酸 Pentadecafluorooctanoic acid (PFOA)	335-67-1	0.01

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X	145	①磷酸三(二甲苯)酯 Trixylyl phosphate	25155-23-1	0.01
X	146	C.I.直接黑 38 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)***	1937-37-7	0.01
X	147	邻苯二甲酸二己酯 Dihexyl phthalate	84-75-3	0.01
X	148	硫化镉 Cadmium sulphide*	1306-23-6	0.01
X	149	C.I.直接红 28 Disodium 3,3'-[[1,1'-biphenyl]- 4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)***	573-58-0	0.01
X	150	醋酸铅(Ⅱ) Lead di(acetate)*	301-04-2	0.01
X	151	1,2-亚乙基硫脲 Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	0.01
XI	152	①邻苯二甲酸二己酯，直链和支链 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	0.01
XI	153	氯化镉 Cadmium chloride*	10108-64-2	0.01
XI	154	②过硼酸钠，水合物；过硼酸钠盐 Sodium perborate; perboric acid, sodium salt*****	15120-21-5 11138-47-9	0.01
XI	155	②过硼酸钠，无水 Sodium peroxometaborate*****	7632-04-4	0.01
XII	156	2-(2H-苯并三唑-2-基)-4,6-二叔戊基苯酚 2-(2H-Benzotriazol-2-yl)- 4,6-ditertpentylphenol (UV-328)	25973-55-1	0.01
XII	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	0.01
XII	158	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	0.05
XII	159	氟化镉 Cadmium fluoride*	7790-79-6	0.01
XII	160	硫酸镉 Cadmium sulphate*	10124-36-4 31119-53-6	0.01
XII	161	①二正辛基-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 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)*	-	0.05
XIII	162	①1,2-苯二羧酸, 二-C6-10-烷基酯；（葵基，己基，辛基）酯与1,2-苯二甲酸的复合物，其邻苯二甲酸二己酯含量≥0.3% (EC No. 201-559-5) 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	0.05

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XIII	163	①5-仲丁基-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]（卡拉花醛及其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 stereoisomers of [1] and [2] or any combination thereof]	-	0.05
XIV	164	硝基苯 Nitrobenzene	98-95-3	0.01
XIV	165	2,4-二-叔丁基-6-(5-氯-2H-苯并三唑-2-基)苯酚 2,4-di-tert-butyl-6-(5- chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	0.01
XIV	166	2-(2'-羟基-3'-异丁基-5'-叔丁基苯基)苯并三唑 2-(2H-benzotriazol-2-yl)- 4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	0.01
XIV	167	1,3-丙烷磺内酯 1,3-propanesultone	1120-71-4	0.01
XIV	168	全氟壬酸及其钠和铵盐 Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	0.01
XV	169	苯并(a)芘 Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	0.01
XVI	170	双酚 A 4,4'-isopropylidenediphenol (bisphenol A) (BPA)	80-05-7	0.01
XVI	171	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	0.01
XVI	172	4-(1,1-二甲基丙基)苯酚 (别名：对叔戊基苯酚) *p*-(1,1-dimethylpropyl)phenol	80-46-6	0.01
XVI	173	①支链与直链的 4-庚基酚(直链和/或支链的具有 7 个碳原子的烷基链共价键在 4 位的苯酚，囊括了 UVCB 和定义明确的物质，其中包括任何单独异构体和/或它们的组合) 4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	-	0.05
XVII	174	全氟己基磺酸及其盐 Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	-	0.0005
XVIII	175	得克隆(包括其所有反式和顺式异构体及其组合) Dechlorane plus (including any of its individual anti- and syn-isomers or any combination thereof)	-	0.01
XVIII	176	苯并[a]蒽Benzo[a]anthracene	56-55-3	0.01
XVIII	177	硝酸镉Cadmium nitrate*	10325-94-7	0.01
XVIII	178	碳酸镉Cadmium carbonate*	513-78-0	0.01
XVIII	179	氢氧化镉Cadmium hydroxide*	21041-95-2	0.01
XVIII	180	䓛Chrysene	218-01-9	0.01

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XVIII	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] 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 (4-HPbl)]	-	0.05
XIX	182	八甲基环四硅氧烷 Octamethylcyclotetrasiloxane (D4)	556-67-2	0.01
XIX	183	十甲基环五硅氧烷Decamethylcyclopentasiloxane (D5)	541-02-6	0.01
XIX	184	十二甲基环六硅氧烷 Dodecamethylcyclohexasiloxane (D6)	540-97-6	0.01
XIX	185	铅 Lead	7439-92-1	0.01
XIX	186	八硼酸二钠 Disodium octaborate*	12008-41-2	0.01
XIX	187	苯并(g,h,i)苝 Benzo[ghi]perylene	191-24-2	0.01
XIX	188	①氢化三联苯 Terphenyl, hydrogenated	61788-32-7	0.01
XIX	189	乙二胺 Ethylenediamine (EDA)	107-15-3	0.01
XIX	190	偏苯三酸酐 Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7	0.01
XIX	191	邻苯二甲酸二环己酯Dicyclohexyl phthalate (DCHP)	84-61-7	0.01
XX	192	4,4'-(1,3-二甲基丁基)二苯酚 2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	0.01
XX	193	苯并[k]荧蒽 Benzo[k]fluoranthene	207-08-9	0.01
XX	194	荧蒽 Fluoranthene	206-44-0	0.01
XX	195	菲 Phenanthrene	85-01-8	0.01
XX	196	芘 Pyrene	129-00-0	0.01
XX	197	1,7,7-三甲基-3-(苯亚甲基)双环[2,2,1]庚-2-酮 1,7,7-trimethyl-3-(phenylmethylene) bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor) (3-BC)	15087-24-8	0.01
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(HFPO-DA) 2,3,3,3-tetrafluoro-2- (heptafluoropropoxy) propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	-	0.01
XXI	199	甲二醇乙醚乙酸酯2-methoxyethyl acetate	110-49-6	0.01
XXI	200	4-叔丁基苯酚4-tert-butylphenol	98-54-4	0.01
XXI	201	①三(壬基苯基)亚磷酸酯(TNPP)其中4-壬基苯酚(支链和直链)(4-NP)含量大于等于0.1 % Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	0.01
XXII	202	2-苄基-2-二甲基氨基-1-(4-吗啉苯基)丁酮 2-benzyl-2-dimethylamino-4'- morpholinobutyrophenone	119313-12-1	0.01
XXII	203	2-甲基-1-(4-甲硫基苯基)-2-吗啉基-1-丙酮 2-methyl-1-(4-methylthiophenyl)-2- morpholinopropan-1-one	71868-10-5	0.01
XXII	204	邻苯二甲酸二异己酯 Diisohexyl phthalate	71850-09-4	0.01
XXII	205	全氟丁烷磺酸(PFBS)及其盐 Perfluorobutane sulfonic acid (PFBS) and its salts	-	0.01
XXIII	206	1-乙烯基咪唑 1-vinylimidazole	1072-63-5	0.01
XXIII	207	2-甲基咪唑 2-methylimidazole	693-98-1	0.01
XXIII	208	对羟基苯甲酸丁酯 Butyl 4-hydroxybenzoate	94-26-8	0.01

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XXIII	209	双(乙酰丙酮酸)二丁基锡 Dibutylbis(pentane-2,4-dionato-O,O')tin*	22673-19-4	0.05
XXIV	210	四乙二醇二甲醚 bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	0.01
XXIV	211	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 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*	-	0.05
XXV	212	1,4-二恶烷 1,4-dioxane	123-91-1	0.01
XXV	213	2,2-双(溴甲基) -1,3-丙二醇 三溴新戊醇/3-溴-2,2-二溴乙基丙醇 2,3-二溴丙醇 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)	3296-90-0 36483-57-5 1522-92-5 96-13-9	0.01
XXV	214	2-(4-叔丁基苄基)丙醛及其立体异构体 2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	0.01
XXV	215	2,2-二(4-羟基苯基)丁烷(双酚 B) 4,4'-(1-methylpropylidene)bisphenol (bisphenol B)	77-40-7	0.01
XXV	216	戊二醛 Glutaral	111-30-8	0.01
XXV	217	①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) 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]	-	0.01
XXV	218	硼酸钠盐 Orthoboric acid, sodium salt*	13840-56-7	0.01
XXV	219	①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 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)	-	0.01
XXVI	220	(±)-1,7,7-三甲基-3-[(4-甲基苯基)亚甲基]双环[2.2.1]庚-2-酮，包括任何单独的异构体和/或其组合 (±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1] heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	-	0.01
XXVI	221	2,2'-亚甲基双-(4-甲基-6-叔丁基苯酚) 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	0.01
XXVI	222	S-(三环[5.2.1.$0^{2,6}$]癸-3-烯-8(或 9)-基)O-(异丙基或异丁基或 2-乙基己基)O-(异丙基或异丁基或 2-乙基己基)二硫代磷酸酯 S-(tricyclo[5.2.1.$0^{2,6}$]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8	0.01
XXVI	223	乙烯基-三(2-甲氧基乙氧基)硅烷 tris(2-methoxyethoxy)vinylsilane	1067-53-4	0.01
XXVII	224	N-羟甲基丙烯酰胺 N-(hydroxymethyl)acrylamide	924-42-5	0.01

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批次 Batch	序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	RL (%)
XXVIII	225	1,2-二(2,4,6-三溴苯氧基)乙烷 1,1'-[ethane-1,2-diylbisoxy]bis [2,4,6-tribromobenzene]	37853-59-1	0.01
XXVIII	226	四溴双酚 A 2,2',6,6'-tetrabromo-4,4'- isopropylidenediphenol (TBBPA)	79-94-7	0.01
XXVIII	227	双酚 S 4,4'-sulphonyldiphenol (BPS)	80-09-1	0.01
XXVIII	228	偏硼酸钡 Barium diboron tetraoxide*	13701-59-2	0.01
XXVIII	229	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 Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-	0.01
XXVIII	230	4-羟基苯甲酸 2-甲基丙酯 Isobutyl 4-hydroxybenzoate	4247-02-3	0.01
XXVIII	231	三聚氰胺 Melamine	108-78-1	0.05
XXVIII	232	全氟庚酸及其盐 Perfluoroheptanoic acid and its salts	-	0.01
XXVIII	233	2,2,3,3,5,5,6,6-八氟-4-(1,1,1,2,3,3,3-七氟丙烷-2-基)吗啉和 2,2,3,3,5,5,6,6-八氟烷-4-(七氟丙基)吗啉的反应物料 Reaction mass of 2,2,3,3,5,5,6,6-octafluoro- 4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl) morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	-	0.05
XXIX	234	二苯基(2,4,6-三甲基苯甲酰基)氧化膦 Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	0.01
XXIX	235	4,4'-二氯二苯砜 Bis(4-chlorophenyl) sulphone	80-07-9	0.01
XXX	236	2,4,6-三叔丁基苯酚 2,4,6-tri-tert-butylphenol (2,4,6-TTBP)	732-26-3	0.01
XXX	237	2-[2-羟基-5-(1,1,3,3-四甲丁基)苯基]苯并三唑 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9	0.01
XXX	238	2-(4-甲基苄基)-2-(二甲基氨基)-1-(4-吗啉苯基)-1-丁酮 2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl) phenyl]butan-1-one	119344-86-4	0.01
XXX	239	2-(5-氯-2H-苯三唑-2-基)-6-(1,1-二甲基乙基)-4-甲基苯酚 Bumetrizole (UV-326)	3896-11-5	0.01
XXX	240	①2-苯基丙烯与苯酚的低聚和烷基化反应产物 Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	-	0.01
XXXI	241	过氧化二异丙苯 Bis(α,α-dimethylbenzyl) peroxide	80-43-3	0.01
XXXI	242	磷酸三苯酯 Triphenyl phosphate	115-86-6	0.01

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意向/潜在意向 SVHC 物质清单 List of intention/potential intention for identification of SVHC

批次 Batch	序号 No.	物质名称 Substance Name(s)	CAS 号 CAS No.	RL (%)
XXXII	1	八甲基三硅氧烷 Octamethyltrisiloxane	107-51-7	0.01
XXXII	2	全氟三丙胺 Perfluamine	338-83-0	0.01
XXXII	3	硫代磷酸(O,O,O-三苯基)酯 O,O,O-triphenyl phosphorothioate	597-82-0	0.01
XXXII	4	亚磷酸三(4-壬基苯基,支链)酯 Tris(4-nonylphenyl, branched) phosphite	-	0.01
XXXII	5	三苯基硫代磷酸与叔丁基苯衍生物的反应物料 Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8	0.01
XXXII	6	6-[(C10-C13)-烷基-(支链，不饱和)-2,5-二氧吡咯烷-1-基]己酸 6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	2156592-54-8	0.01
※	7	间苯二酚 Resorcinol	108-46-3	0.01
⁂	8	六甲基二硅氧烷 Hexamethyldisiloxane	107-46-0	0.01
⁂	9	十二甲基五硅氧烷 Dodecamethylpentasiloxane	141-63-9	0.01
⁂	10	十甲基四硅氧烷 Decamethyltetrasiloxane	141-62-8	0.01
⁂	11	1,1,1,3,5,5,5-七甲基三硅氧烷 1,1,1,3,5,5,5-heptamethyltrisiloxane	1873-88-7	0.01
⁂	12	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	17928-28-8	0.01
⁂	13◇	铬酸钡 Barium chromate*	10294-40-3	0.01

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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).
   1) 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.
   2) 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、32 条款及附件 2 之规定，提供含有高度关注物质的混合物产品供应方需传递相关信息:
   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.
   1) 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.
   2) 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 ≥ 0.1 % by weight for non-gaseous mixtures or ≥ 0.2 % by volume for gaseous mixtures.

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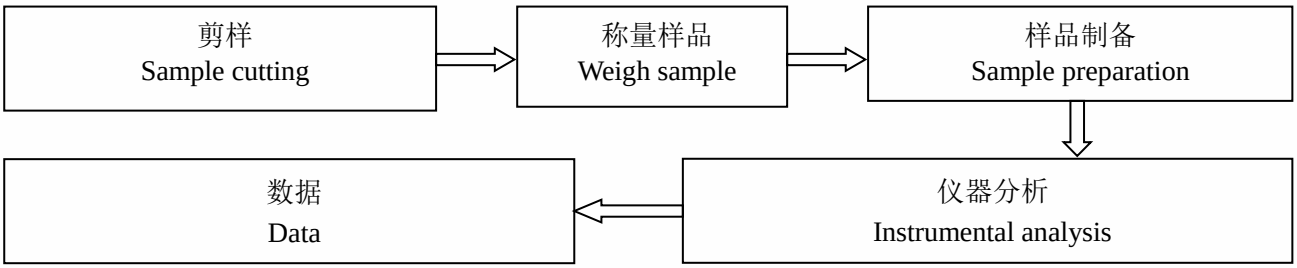
检测流程 Test Process



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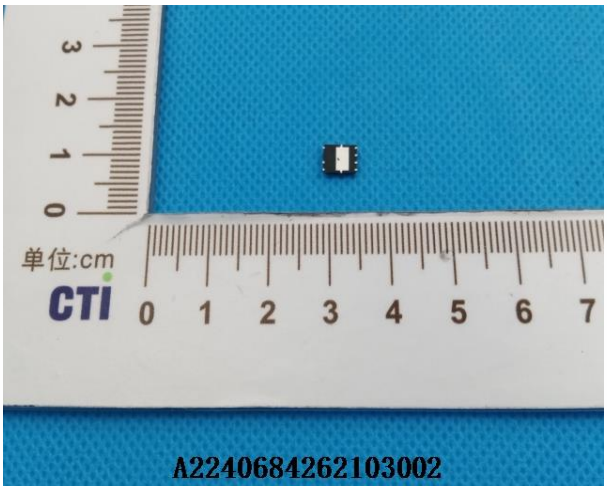
样品图片

Photo(s) of the sample(s)



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   This report is considered invalid without approved signature, special seal and the seal on the perforation;
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   The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn’t verified;
3. 本报告检测结果仅对受测样品负责；
   The result(s) shown in this report refer(s) only to the sample(s) tested;
4. 除非另有说明，报告参照 ILAC-G8:09/2019 / CNAS-GL015:2022 使用简单接受（w=0）二元判定规则进行符合性判定；
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*** 报告结束 ***
*** End of Report ***

附录 Appendix

客户参考信息 Client Reference Information

SM-7、SM-10 及 TO-252 封装的系列芯片：
DK5V40R10、DK5V40R15、DK5V45R03、DK5V45R05、DK5V45R10、DK5V45R15、DK5V45R20、DK5V45R25、
DK5V60R03、DK5V60R05、DK5V60R10、DK5V60R15、DK5V60R16、DK5V60R20、DK5V60R25、
DK5V60R30、DK5V65R20、DK5V65R25、DK5V65R30、DK5V70R15、DK5V70R20、
DK5V70R25、DK5V70R30、
DK5V85R03、DK5V85R05、DK5V85R10、DK5V85R15、DK5V85R20、DK5V85R25、
DK5V100R05、DK5V100R10、DK5V100R15、DK5V100R20、DK5V100R25、DK5V100R30
DK5V120R05、DK5V120R10、DK5V120R15、DK5V120R20、DK5V120R25、
DK5V150R10、DK5V150R15、DK5V150R20、DK5V150R25
SOP-7、ESOP-7、SOP-8、SOP12、SOP20、PDFN5*6、PDFN8*8、DFN8*8 封装的系列芯片：
DK5V40R10、DK5V40R15、DK5V45R10、DK5V45R15、DK5V45R20、DK5V45R25、DK5V45R30、
DK5V60R10、DK5V60R15、DK5V60R16、DK5V60R20、DK5V60R25、DK5V60R30、DK5V65R25、
DK5V65R30、DK5V70R15、DK5V70R20、DK5V70R25、DK5V70R30、DK5V85R10、DK5V85R15、
DK5V85R20、DK5V85R25、DK5V100R10、DK5V100R15、DK5V100R20、DK5V100R25、DK5V100R30、
AM-12A、AM-22A、DK106、DK1202、DK1203、DK1206、 DK1208、DK112、DK206、DK212、DK218、
DK220、DK225、DK2203、DK2206、DK2649、DK3106、DK3113、DK3128、DK3906、DK3912、DK412、
DK501、DK502、DK503、DK5030、DK5032、DK5320、DK5360、DK812、DK903、DK905、DK906、
DK908、DK910、DK912、DK913、DK935、DKS012、DKX012、XF6649、 XF60R20、
DK012、DK015、DK020、DK025、DK035、DK036、DK045、DK065、DK075、DK080、DK085、DK090、
DK100、DK120、DK150、DK3601、DK3710、DK3712、DK3715、DK3718、DK3720、DK3724、DK8010、
DK8012、DK8015、DK8018、DK8020、DK8025、DK8035、DK8036、DK8045、DK8065、DK8075、DK8112、
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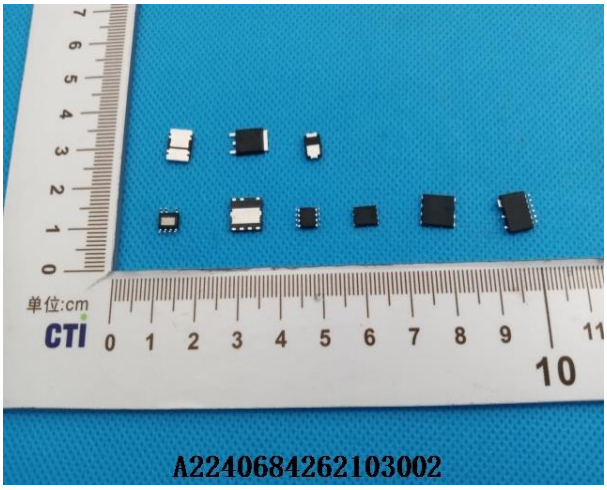
DK8924

客户参考图片（非测试样品）Client Reference Photo (Non-tested sample)



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1. 附录内容由申请者提供，申请者应对其真实性负责，CTI 未核实其真实性。
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2. 附录内容为 A2240684262103002E 报告的补充。
   The Appendix Information is/are the supplement(s) for the Report A2240684262103002E.