

TEST REPORT

检测报告

Report No.(报告编号): LCS220108005AR

Date(日期): 2022.01.12

Page(页码) 1 of 21

Applicant : ShenZhen ZinWi Bio-Tech Co., Ltd
申请商 : 深圳真味生物科技有限公司

Address : 4th Floor, Block A, Uranus SciencePark, NO.7 Road, Hi-Tech Park,
地址 : Guanming District ShenZhen, Guangdong
: 深圳市光明区高新园区七号路天王星科技园 A 栋 4 楼

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

Sample Name(s) : 电子烟油
样品名称 :

Trade Mark : N/A
商标 :

Part No. : N/A
样品型号 :

Sample Received Date : January 08, 2022
样品接收日期 : 2022 年 01 月 08 日

Testing Period : January 08, 2022 ~ January 12, 2022
样品检测日期 : 2022 年 01 月 08 日 ~ 2022 年 01 月 12 日

Test Requested : As specified by client, to screen the 219 substances of very high concern (SVHC) under Regulation (EC) No 1907/2006 of REACH in the submitted sample(s).
检测要求 : 根据客户要求, 参照法规(EC) No 1907/2006(REACH), 对所提交样品中 219 种高度关注物质(SVHC)进行筛选测试。

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

Summary : According to the analytical results, concentrations of all tested SVHC (see the candidate list) is less than 0.1%(w/w) in the submitted product.
摘要 : 根据分析结果, 所提交成品中所有 SVHC 物质(见候选清单)浓度小于 0.1%(w/w)。

Signed for and on behalf of LCS



Young/Laboratory Manager



Scan code to check authenticity
扫码查询真伪

TEST REPORT

检测报告

Report No.(报告编号): LCS220108005AR

Date(日期): 2022.01.12

Page(页码) 2 of 21

Sample Description 样品描述

Sample No. 样品序号	Sample Description 样品描述
1	Yellow transparent e-liquid 黄色透明烟油

Test Result(s) 检测结果

Batch 批次	No. 序号	Substance Name(s) 物质名称	CAS No. CAS 号	EC No. EC 号	Concentration 浓度 (%)	Report Limit 报告检出限 (%)
					1	1
-	-	All tested SVHC (See the candidate list) 所有 SVHC 物质(见候选清单)	-	-	N.D.	-

Test Method 检测依据:

Refer to 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 for sample pretreatment.

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。

Analyzed by ICP-OES, UV-Vis, IC, HPLC, GC-MS, GC-FID and LC-MS-MS.
采用 ICP-OES, UV-Vis, IC, HPLC, GC-MS, GC-FID 及 LC-MS-MS 分析。

Sample/Part Description 样品/部位描述

Sample No. 样品序号	Sample/Part Description 样品/部位描述	Number of SVHC 测试 SVHC 物质数
1	Yellow transparent e-liquid 黄色透明烟油	219

Note 注释:

1. The table of tested result(s) only shows detected SVHC, and SVHC that below Report Limit are not reported. Please refer to the Candidate List of SVHC on next pages.

结果仅显示检出的 SVHC 物质, 低于报告检出限的 SVHC 物质没有列出。所有测试的 SVHC 物质见下页的 SVHC 候选清单。

2. w/w %=weight by weight 重量百分比; 0.1%=1000mg/kg=1000ppm

3. N.D.=Not Detected 未检出 (小于报告检出限<Report Limit)

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

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 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(r eaction mass of DOTE and MOTE), Dibutylbis(pentane-2,4-dionato-O,O')tin by the conversion from the

TEST REPORT

检测报告

Report No.(报告编号): LCS220108005AR Date(日期): 2022.01.12 Page(页码) 3 of 21
test results of certain compounds(Tributyl Tins(TBT), Dibutyl Tins(DBT), Dioctyl Tins(DOT), Monoctyl Tins(MOT)).

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。

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

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IV中,索引号 650-017-00-8 适用于所有的耐火陶瓷纤维材料。

6. ***: C.I.: Colour Index 颜料索引号

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

8. *****: 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.

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。

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

甲醛苯胺共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。

10. ①: 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 SDS or requesting from suppliers.

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

11. ②: 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.

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。

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

TEST REPORT

检测报告

Report No.(报告编号): LCS220108005AR

Date(日期): 2022.01.12

Page(页码) 4 of 21

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

13. *: Indicates the tested items of 72 SVHC.

表示 72 项 SVHC 的测试项目。

Remark 备注:

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

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。

Candidate List of SVHC (SVHC 候选清单)

Batch 批次	No. 序号	Substance Name(s) 物质名称	CAS No. CAS 号	EC No. EC 号	Report Limit 报告检出限 (%)
I	1	Anthracene 蒽	120-12-7	204-371-1	0.005
I	2	4,4'-Diaminodiphenylmethane 4,4'-二氨基二苯基甲烷	101-77-9	202-974-4	0.005
I	3	Dibutyl phthalate(DBP) 邻苯二甲酸二丁酯	84-74-2	201-557-4	0.005
I	4*	Cobalt dichloride 氯化钴*	7646-79-9	231-589-4	0.01
I	5*	Diarsenic pentaoxide 五氧化二砷*	1303-28-2	215-116-9	0.01
I	6*	Diarsenic trioxide 三氧化二砷*	1327-53-3	215-481-4	0.01
I	7*	Sodium dichromate 重铬酸钠*	7789-12-0 10588-01-9	234-190-3	0.01
I	8	Musk xylene 二甲苯麝香	81-15-2	201-329-4	0.005
I	9	Bis(2-ethyl(hexyl) phthalate) (DEHP) 邻苯二甲酸二(2-乙基己基)酯	117-81-7	204-211-0	0.005
I	10	Hexabromocyclododecane (HBCDD) 六溴环十二烷	25637-99-4 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)	247-148-4 221-695-9	0.005
I	11	Short Chain Chlorinated Paraffins (SCCPs) 短链氯化石蜡	85535-84-8	287-476-5	0.01
I	12	Bis(tributyltin)oxide (TBTO) 三丁基氧化锡*	56-35-9	200-268-0	0.005
I	13*	Lead hydrogen arsenate 砷酸氢铅*	7784-40-9	232-064-2	0.01
I	14	Benzyl butyl phthalate (BBP) 邻苯二甲酸丁基苯酯	85-68-7	201-622-7	0.005
I	15*	Triethyl arsenate 三乙基砷酸酯*	15606-95-8	427-700-2	0.01

TEST REPORT

检测报告

Report No.(报告编号): LCS220108005AR

Date(日期): 2022.01.12

Page(页码) 5 of 21

Batch 批次	No. 序号	Substance Name(s) 物质名称	CAS No. CAS 号	EC No. EC 号	Report Limit 报告检出限 (%)
II	16	^① Anthracene oil 蒽油	90640-80-5	292-602-7	0.05
II	17	^① Anthracene oil, anthracene paste, distn. Lights 蒽油, 蒽糊, 轻油****	91995-17-4	295-278-5	0.05
II	18	^① Anthracene oil, anthracene paste, anthracene fraction 蒽油, 蒽糊, 蒽馏分	91995-15-2	295-275-9	0.05
II	19	^① Anthracene oil, anthracene-low 蒽油, 含蒽量少	90640-82-7	292-604-8	0.05
II	20	^① Anthracene oil, anthracene paste 蒽油, 蒽糊	90640-81-6	292-603-2	0.05
II	21	^① Coal tar pitch, high temperature 煤焦油沥青, 高温	65996-93-2	266-028-2	0.05
II	22	Acrylamide 丙烯酰胺	79-06-1	201-173-7	0.01
II	23	2,4-Dinitrotoluene 2,4-二硝基甲苯	121-14-2	204-450-0	0.01
II	24	Diisobutyl phthalate (DIBP) 邻苯二甲酸二异丁酯	84-69-5	201-553-2	0.005
II	25*	^② Lead chromate 铬酸铅	7758-97-6	231-846-0	0.05
II	26*	^② 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	0.05
II	27*	^② Lead sulfochromate yellow (C.I. Pigment Yellow 34) 铅铬黄(C.I.颜料黄 34)***	1344-37-2	215-693-7	0.05
II	28	Tris(2-chloroethyl)phosphate (TCEP) 磷酸三(2-氯乙基)酯	115-96-8	204-118-5	0.01
III	29	Trichloroethylene 三氯乙烯	79-01-6	201-167-4	0.005
III	30*	Boric acid 硼酸*	10043-35-3 11113-50-1	233-139-2 234-343-4	0.01
III	31*	^② Disodium tetraborate, anhydrous 四硼酸钠, 无水*****	1330-43-4 12179-04-3 1303-96-4	215-540-4	0.01
III	32*	^② Tetraboron disodium heptaoxide, hydrate 四硼酸钠, 水合物*****	12267-73-1	235-541-3	0.01
III	33*	Sodium chromate 铬酸钠*	7775-11-3	231-889-5	0.01

TEST REPORT

检测报告

Report No.(报告编号): LCS220108005AR

Date(日期): 2022.01.12

Page(页码) 6 of 21

Batch 批次	No. 序号	Substance Name(s) 物质名称	CAS No. CAS 号	EC No. EC 号	Report Limit 报告检出限 (%)
III	34*	Potassium chromate 铬酸钾*	7789-00-6	232-140-5	0.01
III	35*	Ammonium dichromate 重铬酸铵*	7789-09-5	232-143-1	0.01
III	36*	Potassium dichromate 重铬酸钾*	7778-50-9	231-906-6	0.01
IV	37*	Cobalt(II) sulphate 硫酸钴*	10124-43-3	233-334-2	0.01
IV	38*	Cobalt(II) dinitrate 硝酸钴*	10141-05-6	233-402-1	0.01
IV	39*	Cobalt(II) carbonate 碳酸钴*	513-79-1	208-169-4	0.01
IV	40*	Cobalt(II) diacetate 醋酸钴*	71-48-7	200-755-8	0.01
IV	41	2-Methoxyethanol 乙二醇单甲醚	109-86-4	203-713-7	0.005
IV	42	2-Ethoxyethanol 乙二醇单乙醚	110-80-5	203-804-1	0.005
IV	43*	Chromium trioxide 三氧化铬*	1333-82-0	215-607-8	0.01
IV	44*	① Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid 从三氧化铬产生的酸类以及它们的齐聚物: 铬酸、重铬酸、铬酸和重铬酸的齐聚物*	7738-94-5 13530-68-2	231-801-5 236-881-5	0.01
V	45	2-ethoxyethyl acetate 乙二醇乙醚乙酸酯	111-15-9	203-839-2	0.01
V	46*	Strontium chromate 铬酸锶*	7789-06-2	232-142-6	0.01
V	47	① 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters 1,2-苯二酸-二(C7-11 支链与直链)烷基(醇)酯	68515-42-4	271-084-6	0.01
V	48	Hydrazine 肼	7803-57-8 302-01-2	206-114-9	0.01
V	49	1-methyl-2-pyrrolidone N-甲基吡咯烷酮	872-50-4	212-828-1	0.01
V	50	1,2,3-trichloropropane 1,2,3-三氯丙烷	96-18-4	202-486-1	0.01
V	51	① 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1	0.01

TEST REPORT

检测报告

Report No.(报告编号): LCS220108005AR

Date(日期): 2022.01.12

Page(页码) 7 of 21

Batch 批次	No. 序号	Substance Name(s) 物质名称	CAS No. CAS 号	EC No. EC 号	Report Limit 报告检出限 (%)
		邻苯二甲酸二 C6-8 支链烷基酯(C7 富集)			
VI	52*	^② Aluminosilicate Refractory Ceramic Fibres (RCF) 硅酸铝耐火陶瓷纤维**	—	—	0.05
VI	53*	^② Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF) 氧化锆硅酸铝耐火陶瓷纤维**	—	—	0.05
VI	54*	Dichromium tris(chromate) 铬酸铬*	24613-89-6	246-356-2	0.01
VI	55*	Potassium hydroxyoctaoxidizincate dichromate 氢氧化铬酸锌钾*	11103-86-9	234-329-8	0.01
VI	56	^① Formaldehyde, oligomeric reaction products with aniline (technical MDA) 甲醛苯胺共聚物▲	25214-70-4	500-036-1	0.01
VI	57*	Pentazinc chromate octahydroxide 氢氧化铬酸锌*	49663-84-5	256-418-0	0.01
VI	58	Bis(2-methoxyethyl) phthalate 邻苯二甲酸二甲氧基乙酯	117-82-8	204-212-6	0.005
VI	59	2-Methoxyaniline (o-Anisidine) 2-甲氧基苯胺 (邻甲氧基苯胺)	90-04-0	201-963-1	0.005
VI	60	4-(1,1,3,3-tetramethylbutyl) phenol (4-tert-Octylphenol) 4-(1,1,3,3-四甲基丁基)苯酚 (对特辛基苯酚)	140-66-9	205-426-2	0.005
VI	61	1,2-Dichloroethane 1,2-二氯乙烷	107-06-2	203-458-1	0.005
VI	62	Bis(2-methoxyethyl) ether 双(2-甲氧基乙基)醚 (乙二醇二甲醚)	111-96-6	203-924-4	0.005
VI	63*	Arsenic acid 砷酸*	7778-39-4	231-901-9	0.01
VI	64*	Calcium arsenate 砷酸钙*	7778-44-1	231-904-5	0.01
VI	65*	Trilead diarsenate 砷酸铅*	3687-31-8	222-979-5	0.01
VI	66	N,N-dimethylacetamide (DMAC) N,N-二甲基乙酰胺	127-19-5	204-826-4	0.005
VI	67	Phenolphthalein 酚酞	77-09-8	201-004-7	0.005
VI	68	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	0.005



TEST REPORT

检测报告

Report No.(报告编号): LCS220108005AR

Date(日期): 2022.01.12

Page(页码) 8 of 21

Batch 批次	No. 序号	Substance Name(s) 物质名称	CAS No. CAS 号	EC No. EC 号	Report Limit 报告检出限 (%)
		4,4'-亚甲基双(2-氯苯胺)			
VI	69*	Lead diazide 叠氮化铅*	13424-46-9	236-542-1	0.01
VI	70*	Lead 2,4,6-trinitro-m-phenylene dioxide (Lead styphnate) 2,4,6-三硝基间苯二酚铅 (收敛酸铅)*	15245-44-0	239-290-0	0.01
VI	71*	Lead dipicrate 苦味酸铅*	6477-64-1	229-335-2	0.01
VII	72	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme) 1,2-二(2-甲氧基乙氧基)乙烷	112-49-2	203-977-3	0.01
VII	73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME) 乙二醇二甲醚	110-71-4	203-794-9	0.01
VII	74*	Diboron trioxide 三氧化二硼*	1303-86-2	215-125-8	0.01
VII	75	Formamide 甲酰胺	75-12-7	200-842-0	0.01
VII	76*	Lead(II) bis methanesulfonate 甲基磺酸铅*	17570-76-2	401-750-5	0.01
VII	77	TGIC(1,3,5-tris(oxiranylmethyl)- 1,3,5-triazine-2,4,6-(1H,3H,5H)-trione) 异氰尿酸三缩水甘油酯	2451-62-9	219-514-3	0.01
VII	78	β -TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5- triazine-2,4,6-(1H,3H,5H)-trione) 异氰脲酸 β -三缩水甘油酯	59653-74-6	423-400-0	0.01
VII	79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone) 4,4'-二(N,N-二甲氨基)二苯甲酮 (米氏酮)	90-94-8	202-027-5	0.01
VII	80	N,N,N',N'-tetramethyl-4,4'- methylenedianiline (Michler's base) 4,4'-(对二甲氨基)二苯基甲烷 (米氏碱)	101-61-1	202-959-2	0.01
VII	81	[4-[4,4'-bis(dimethylamino)benzhydryli dene]cyclohexa-2,5-dien-1-ylidene] dim ethylammonium chloride (C.I. Basic Violet 3)C.I.碱性紫 3***	548-62-9	208-953-6	0.01
VII	82	[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	219-943-6	0.01

TEST REPORT

检测报告

Report No.(报告编号): LCS220108005AR

Date(日期): 2022.01.12

Page(页码) 9 of 21

Batch 批次	No. 序号	Substance Name(s) 物质名称	CAS No. CAS 号	EC No. EC 号	Report Limit 报告检出限 (%)
		C.I.碱性蓝 26***			
VII	83	α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) C.I.溶剂蓝 4***	6786-83-0	229-851-8	0.01
VII	84	4,4'-bis(dimethylamino)-4''-(methylamino) trityl alcohol α,α -二[(二甲氨基)苯基]-4-甲基苯甲 醇	561-41-1	209-218-2	0.01
VIII	85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE) 十溴二苯醚	1163-19-5	214-604-9	0.05
VIII	86	Pentacosaflluorotridecanoic acid 全氟十三酸	72629-94-8	276-745-2	0.05
VIII	87	Tricosaflluorododecanoic acid 全氟十二烷酸	307-55-1	206-203-2	0.05
VIII	88	Henicosaflluoroundecanoic acid 全氟十一烷酸	2058-94-8	218-165-4	0.05
VIII	89	Heptacosaflluorotetradecanoic acid 全氟十四酸	376-06-7	206-803-4	0.05
VIII	90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues] 对特辛基苯酚乙氧基醚	—	—	0.05
VIII	91	^① 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] 4-壬基苯酚, 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	—	—	0.05
VIII	92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) 偶氮二甲酰胺	123-77-3	204-650-8	0.05
VIII	93	Cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane-1,2-dicarboxylic anhydride,	85-42-7 13149-00-3 14166-21-3	201-604-9 236-086-3 238-009-9	0.05



TEST REPORT

检测报告

Report No.(报告编号): LCS220108005AR

Date(日期): 2022.01.12

Page(页码) 10 of 21

Batch 批次	No. 序号	Substance Name(s) 物质名称	CAS No. CAS 号	EC No. EC 号	Report Limit 报告检出限 (%)
		trans-cyclohexane-1,2-dicarboxylic anhydride 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			
VIII	94	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalicanhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride 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	25550-51-0 19438-60-9 48122-14-1 57110-29-9	247-094-1 243-072-0 256-356-4 260-566-1	0.05
VIII	95	Methoxyacetic acid 甲氧基乙酸	625-45-6	210-894-6	0.05
VIII	96	^① 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear 支链和直链 1,2-苯二羧二戊酯	84777-06-0	284-032-2	0.05
VIII	97	Diisopentylphthalate (DIPP) 邻苯二甲酸二异戊酯	605-50-5	210-088-4	0.05
VIII	98	N-pentyl-isopentylphthalate 邻苯二甲酸正戊基异戊基酯	776297-69-9	—	0.05
VIII	99	1,2-Diethoxyethane 乙二醇二乙醚	629-14-1	211-076-1	0.05
VIII	100	N,N-dimethylformamide N,N-二甲基甲酰胺	68-12-2	200-679-5	0.05
VIII	101	Dibutyltin dichloride (DBTC) 二丁基二氯化锡*	683-18-1	211-670-0	0.05
VIII	102*	Acetic acid, lead salt, basic 碱式乙酸铅*	51404-69-4	257-175-3	0.01
VIII	103*	Trilead bis(carbonate) dihydroxide 碱式碳酸铅*	1319-46-6	215-290-6	0.01
VIII	104*	Lead oxide sulfate 碱式硫酸铅*	12036-76-9	234-853-7	0.01
VIII	105*	[Phthalato(2-)]dioxotrilead 二盐基邻苯二甲酸铅*	69011-06-9	273-688-5	0.01
VIII	106*	Dioxobis(stearato)trilead 双(十八酸基)二氧化三铅*	12578-12-0	235-702-8	0.01
VIII	107*	Fatty acids, C16-18, lead salts C16-18-脂肪酸铅盐*	91031-62-8	292-966-7	0.01
VIII	108*	Lead bis(tetrafluoroborate) 四氟硼酸铅*	13814-96-5	237-486-0	0.01
VIII	109*	Lead cyanamidate 氨基氰铅盐*	20837-86-9	244-073-9	0.01

TEST REPORT

检测报告

Report No.(报告编号): LCS220108005AR

Date(日期): 2022.01.12

Page(页码) 11 of 21

Batch 批次	No. 序号	Substance Name(s) 物质名称	CAS No. CAS 号	EC No. EC 号	Report Limit 报告检出限 (%)
VIII	110*	Lead dinitrate 硝酸铅*	10099-74-8	233-245-9	0.01
VIII	111*	Lead monoxide (lead oxide) 氧化铅*	1317-36-8	215-267-0	0.01
VIII	112*	Orange lead (lead tetroxide) 四氧化三铅*	1314-41-6	215-235-6	0.01
VIII	113*	Lead titanium trioxide 钛酸铅*	12060-00-3	235-038-9	0.01
VIII	114*	Lead titanium zirconium oxide 钛酸铅锆*	12626-81-2	235-727-4	0.01
VIII	115*	Pentalead tetraoxide sulphate 氧化铅与硫酸铅的复合物*	12065-90-6	235-067-7	0.01
VIII	116*	Pyrochlore, antimony lead yellow 颜料黄 41*	8012-00-8	232-382-1	0.01
VIII	117*	Silicic acid(H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped 掺杂铅的硅酸钡*	68784-75-8	272-271-5	0.01
VIII	118*	Silicic acid, lead salt 硅酸铅*	11120-22-2	234-363-3	0.01
VIII	119*	Sulfurous acid, lead salt, dibasic 二碱式亚硫酸铅(II)*	62229-08-7	263-467-1	0.01
VIII	120*	Tetraethyllead 四乙基铅*	78-00-2	201-075-4	0.01
VIII	121*	Tetralead trioxide sulphate 三碱式硫酸铅*	12202-17-4	235-380-9	0.01
VIII	122*	Trilead dioxide phosphonate 磷酸氧化铅*	12141-20-7	235-252-2	0.01
VIII	123	Furan 呋喃	110-00-9	203-727-3	0.05
VIII	124	Methyloxirane (Propylene oxide) 环氧丙烷	75-56-9	200-879-2	0.05
VIII	125	Diethyl sulphate 硫酸二乙酯	64-67-5	200-589-6	0.05
VIII	126	Dimethyl sulphate 硫酸二甲酯	77-78-1	201-058-1	0.05
VIII	127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine 3-乙基-2-甲基-2-(3-甲基丁基)-噁唑烷	143860-04-2	421-150-7	0.05
VIII	128	Dinoseb (6-sec-butyl-2,4-dinitrophenol) 地乐酚	88-85-7	201-861-7	0.05
VIII	129	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	0.05
VIII	130	4,4'-oxydianiline and its salts 4,4'-二氨基二苯醚	101-80-4	202-977-0	0.05

TEST REPORT

检测报告

Report No.(报告编号): LCS220108005AR

Date(日期): 2022.01.12

Page(页码) 12 of 21

Batch 批次	No. 序号	Substance Name(s) 物质名称	CAS No. CAS 号	EC No. EC 号	Report Limit 报告检出限 (%)
VIII	131	4-aminoazobenzene 4-氨基偶氮苯	60-09-3	200-453-6	0.05
VIII	132	4-methyl-m-phenylenediamine (toluene-2,4-diamine) 2,4-二氨基甲苯	95-80-7	202-453-1	0.05
VIII	133	6-methoxy-m-toluidine (p-cresidine) 6-甲氧基-间甲苯胺	120-71-8	204-419-1	0.05
VIII	134	Biphenyl-4-ylamine 4-氨基联苯	92-67-1	202-177-1	0.05
VIII	135	o-aminoazotoluene 邻氨基偶氮甲苯	97-56-3	202-591-2	0.05
VIII	136	o-Toluidine 邻甲基苯胺	95-53-4	202-429-0	0.05
VIII	137	N-methylacetamide N-甲基乙酰胺	79-16-3	201-182-6	0.05
VIII	138	1-bromopropane (n-propyl bromide) 1-溴代正丙烷	106-94-5	203-445-0	0.05
IX	139	① 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] 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)	—	—	0.05
IX	140*	Cadmium 镉	7440-43-9	231-152-8	0.01
IX	141*	Cadmium oxide 氧化镉*	1306-19-0	215-146-2	0.01
IX	142	Ammonium pentadecafluorooctanoate (APFO) 全氟辛酸铵	3825-26-1	223-320-4	0.01
IX	143	Pentadecafluorooctanoic acid (PFOA) 全氟辛酸酸	335-67-1	206-397-9	0.01
IX	144	Dipentyl phthalate (DPP) 邻苯二甲酸二戊酯	131-18-0	205-017-9	0.01
X	145*	Cadmium sulphide	1306-23-6	215-147-8	0.01

TEST REPORT

检测报告

Report No.(报告编号): LCS220108005AR

Date(日期): 2022.01.12

Page(页码) 13 of 21

Batch 批次	No. 序号	Substance Name(s) 物质名称	CAS No. CAS 号	EC No. EC 号	Report Limit 报告检出限 (%)
		硫化镉*			
X	146	Dihexyl phthalate 邻苯二甲酸二己酯	84-75-3	201-559-5	0.01
X	147	Disodium 3,3'-[[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	0.01
X	148	Disodium 4-amino-3-[[4'-[(2,4- diaminophenyl)azo][1,1'-biphenyl]-4-yl]a zo] -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	0.01
X	149	Imidazolidine-2-thione; 2-imidazoline-2-thiol 1,2-亚乙基硫脲	96-45-7	202-506-9	0.01
X	150*	Lead di(acetate) 醋酸铅(II)*	301-04-2	206-104-4	0.01
X	151	①Trixylyl phosphate 磷酸三(二甲苯)酯	25155-23-1	246-677-8	0.01
XI	152	①1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear 邻苯二甲酸二己酯, 直链与支链	68515-50-4	271-093-5	0.01
XI	153*	Cadmium chloride 氯化镉*	10108-64-2	233-296-7	0.01
XI	154*	②Sodium perborate; perboric acid, sodium salt 过硼酸钠, 水合物; 过硼酸钠盐*****	15120-21-5 11138-47-9	239-172-9 234-390-0	0.01
XI	155*	②Sodium peroxometaborate 过硼酸钠, 无水*****	7632-04-4	231-556-4	0.01
XII	156	2-(2H-Benzotriazol-2-yl)-4,6-ditertpentyl phenol (UV-328) 2-(2H-苯并三唑-2-基)-4,6-二叔戊基苯 酚	25973-55-1	247-384-8	0.01
XII	157	2-Benzotriazol-2-yl-4,6-di-tert-butylphen ol (UV-320) 2-(2'-羟基-3',5'-二叔丁基苯基)-苯并三 唑	3846-71-7	223-346-6	0.01
XII	158	①Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithi a-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoe	—	—	0.05



TEST REPORT

检测报告

Report No.(报告编号): LCS220108005AR

Date(日期): 2022.01.12

Page(页码) 14 of 21

Batch 批次	No. 序号	Substance Name(s) 物质名称	CAS No. CAS 号	EC No. EC 号	Report Limit 报告检出限 (%)
		thyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE) 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*			
XIII	159	^① 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) 1,2-苯二羧酸, 二-C6-10-烷基酯; (癸基, 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)	68515-51-5 68648-93-1	271-094-0 272-013-1	0.05
XIII	160	^① 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-仲丁基-2-(2,4-二甲基环己-3-烯-1-基)-5-甲基-1,3-二噁烷[1], 5-二级丁基-2-(4,6-二甲基环己-3-烯-1-基)-5-甲基-1,3-二噁烷[2][任何[1]和[2]或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)	—	—	0.05
XII	161*	Cadmium fluoride 氟化镉*	7790-79-6	232-222-0	0.01
XII	162*	Cadmium sulphate 硫酸镉*	10124-36-4 31119-53-6	233-331-6	0.01
XII	163	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) 二正辛基-双(巯乙酸 2-乙基己酯)锡*	15571-58-1	239-622-4	0.05
XIV	164	Nitrobenzene 硝基苯	98-95-3	202-716-0	0.01
XIV	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) 2,4-二-叔丁基-6-(5-氯-2H-苯并三唑-2-基)苯酚	3864-99-1	223-383-8	0.01
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	0.01

TEST REPORT

检测报告

Report No.(报告编号): LCS220108005AR

Date(日期): 2022.01.12

Page(页码) 15 of 21

Batch 批次	No. 序号	Substance Name(s) 物质名称	CAS No. CAS 号	EC No. EC 号	Report Limit 报告检出限 (%)
		2-(2'-羟基-3'-异丁基-5'-叔丁基苯基) 苯并三唑			
XIV	167	1,3-propanesultone 1,3-丙烷磺内酯	1120-71-4	214-317-9	0.01
XIV	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts 全氟壬酸及其钠和铵盐	375-95-1 21049-39-8 4149-60-4	206-801-3	0.01
XV	169	Benzo[def]chrysene (Benzo[a]pyrene 苯并[a]芘	50-32-8	200-028-5	0.01
XVI	170	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts 全氟癸酸(PFDA)及其钠盐和铵盐	3108-42-7 335-76-2 3830-45-3	221-470-5 206-400-3 -	0.01
XVI	171	p-(1,1-dimethylpropyl)phenol 4-(1,1-二甲基丙基)苯酚 (对叔戊基苯酚)	80-46-6	201-280-9	0.01
XVI	172	^① 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] 支链和直链的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)	—	—	0.05
XVI	173	4,4'-isopropylidenediphenol (bisphenol A; BPA) 双酚A (BPA)	80-05-7	201-245-8	0.01
XVII	174	Perfluorohexane-1-sulphonic acid and its salts 全氟己基磺酸及其盐	—	—	0.05
XVIII	175	Dechlorane plus (including any of its individual anti- and syn-isomers or any combination thereof) 得克隆(包括其所有反式和顺式异构体 及其组合)	—	—	0.01
XVIII	176	Benzo[a]anthracene 苯并[a]蒽	56-55-3, 1718-53-2	200-280-6	0.01
XVIII	177	^① Reaction products of 1,3,4-thiadiazolidine-2,5-dithione,	—	—	0.05



TEST REPORT

检测报告

Report No.(报告编号): LCS220108005AR

Date(日期): 2022.01.12

Page(页码) 16 of 21

Batch 批次	No. 序号	Substance Name(s) 物质名称	CAS No. CAS 号	EC No. EC 号	Report Limit 报告检出限 (%)
		formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear (4-HPbl)] 1,3,4-噻二唑烷-2,5-二硫酮, 甲醛和 4-庚基苯酚的支链和直链(RP-HP)的反应产物[4-庚基苯酚, 支链和直链含量 $\geq 0.1\%$ w/w]			
XVIII	178*	Cadmium nitrate 硝酸镉*	10325-94-7 10022-68-1	233-710-6	0.01
XVIII	179*	Cadmium carbonate 碳酸镉*	513-78-0	208-168-9	0.01
XVIII	180*	Cadmium hydroxide 氢氧化镉*	21041-95-2	244-168-5	0.01
XVIII	181	Chrysene 蒽	218-01-9, 1719-03-5	205-923-4	0.01
XIX	182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA) 偏苯三酸酐	552-30-7	209-008-0	0.01
XIX	183	Benzo[g,h,i]perylene 苯并[g,h,i]花	191-24-2	205-883-8	0.01
XIX	184	Decamethylcyclopentasiloxane (D5) 十甲基环五硅氧烷	541-02-6	208-764-9	0.01
XIX	185	Dicyclohexylphthalate (DCHP) 邻苯二甲酸二环己酯	84-61-7	201-545-9	0.01
XIX	186*	Disodium octaborate 八硼酸二钠*	12008-41-2	234-541-0	0.01
XIX	187	Dodecamethylcyclohexasiloxane (D6) 十二甲基环六硅氧烷	540-97-6	208-762-8	0.01
XIX	188	Ethylenediamine (EDA) 乙二胺	107-15-3	203-468-6	0.01
XIX	189*	Lead 铅	7439-92-1	231-100-4	0.01
XIX	190	Octamethylcyclotetrasiloxane (D4) 八甲基环四硅氧烷	556-67-2	209-136-7	0.01
XIX	191	^① Terphenyl, hydrogenated 氢化三联苯	61788-32-7	262-967-7	0.01
XX	192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2,2,1]heptan-2-one 1,7,7-三甲基-3-(苯亚甲基)双环[2,2,1]庚-2-酮	15087-24-8	239-139-9	0.01
XX	193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane 4,4'-(1,3-二甲基丁基)二苯酚	6807-17-6	401-720-1	0.01



TEST REPORT

检测报告

Report No.(报告编号): LCS220108005AR

Date(日期): 2022.01.12

Page(页码) 17 of 21

Batch 批次	No. 序号	Substance Name(s) 物质名称	CAS No. CAS 号	EC No. EC 号	Report Limit 报告检出限 (%)
XX	194	Benzo[k]fluoranthene 苯并[k]荧蒽	207-08-9	205-916-6	0.01
XX	195	Fluoranthene 荧蒽	206-44-0	205-912-4	0.01
XX	196	Phenanthrene 菲	85-01-8	201-581-5	0.01
XX	197	Pyrene 芘	129-00-0	204-927-3	0.01
XXI	198	4-tert-butylphenol 4-叔丁基苯酚	98-54-4	202-679-0	0.01
XXI	199	2-methoxyethyl acetate 乙二醇乙醚乙酸酯	110-49-6	203-772-9	0.01
XXI	200	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof) 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)	—	—	0.01
XXI	201	① 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)亚磷酸酯(TNPP), 其中 4- 壬基苯酚(支链和直链) (4-NP)含量 ≥0.1%	—	—	0.01
XXII	202	2-benzyl-2-dimethylamino-4'-morpholino butyrophenone 2-苄基-2-二甲基氨基-1-(4-吗啉苯基)丁 酮	119313-12-1	404-360-3	0.01
XXII	203	2-methyl-1-(4-methylthiophenyl)-2-morp holinopropan-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	0.01
XXII	204	Diisohexyl phthalate 邻苯二甲酸二异己酯	71850-09-04	276-090-2	0.01
XXII	205	Perfluorobutane sulfonic acid (PFBS) and its salts 全氟丁烷磺酸(PFBS)及其盐	—	—	0.01
XXIII	206	1-vinylimidazole 1-乙烯基咪唑	1072-63-5	214-012-0	0.01
XXIII	207	2-methylimidazole 2-甲基咪唑	693-98-1	211-765-7	0.01
XXIII	208	Butyl 4-hydroxybenzoate 对羟基苯甲酸丁酯	94-26-8	202-318-7	0.01

TEST REPORT

检测报告

Report No.(报告编号): LCS220108005AR

Date(日期): 2022.01.12

Page(页码) 18 of 21

Batch 批次	No. 序号	Substance Name(s) 物质名称	CAS No. CAS 号	EC No. EC 号	Report Limit 报告检出限 (%)
XXIII	209	Dibutylbis(pentane-2,4-dionato-O,O')tin 双(乙酰丙酮酸)二丁基锡*	22673-19-4	245-152-0	0.05
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	0.01
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, 二辛基-二双(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 *	—	—	0.01
XXV	212	1,4-dioxane 1,4-二噁烷	123-91-1	204-661-8	0.01
XXV	213	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers 2-(4-叔丁基苄基)丙醛及其立体结构	—	—	0.01
XXV	214	4,4'-(1-methylpropylidene)bisphenol 2,2'-二(4-羟基苯基)丁烷 (双酚 B)	77-40-7	201-025-1	0.01
XXV	215	2,2-Bis(bromomethyl)propane-1,3-diol(B MP); 2,2-dimethylpropan-1-ol, tribromo derivative; 3-bromo-2,2-bis(bromomethyl)-1-propano l (TBNPA); 2,3-dibromo-1-propanol(2,3-DBPA) 2,2-二(溴甲基)-1,3-丙二醇(BMP); 三溴新戊醇; 3-溴-2,2-二溴乙基丙醇 (TBNPA); 2,3-二溴丙醇(2,3-DBPA)	3296-90-0 36483-57-5/ 1522-92-5 96-13-9	221-967-7 253-057-0 202-480-9	0.01
XXV	216	Glutaral 戊二醛	111-30-8	203-856-5	0.01
XXV	217	Middle Chain Chlorinated Paraffins (MCCPs)(UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C ₁₄ to C ₁₇) 中链氯化石蜡(MCCPs) (UVCB 物质, 由 ≥80%的直链氯代烷烃组成, 碳链长度在 C ₁₄ 到 C ₁₇ 之间)	—	—	0.01
XXV	218*	Orthoboric acid, sodium salt	13840-56-7	237-560-2	0.05

TEST REPORT

检测报告

Report No.(报告编号): LCS220108005AR

Date(日期): 2022.01.12

Page(页码) 19 of 21

Batch 批次	No. 序号	Substance Name(s) 物质名称	CAS No. CAS 号	EC No. EC 号	Report Limit 报告检出限 (%)
		硼酸钠盐*			
XXV	219	Phenol, alkylation products (mainly in para position) with C ₁₂ -rich branched alkyl chains from oligomerisation, covering any individual isomers and/or combinations thereof (PDDP) 烷基酚, 碳链(C ₁₂ 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 (PDDP)	—	—	0.01

Appendix 附加信息:

- 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).

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 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.
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。

- 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.
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。

- 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 31 and Annex II of REACH.

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

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

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:

- 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.

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。

TEST REPORT

检测报告

Report No.(报告编号): LCS220108005AR

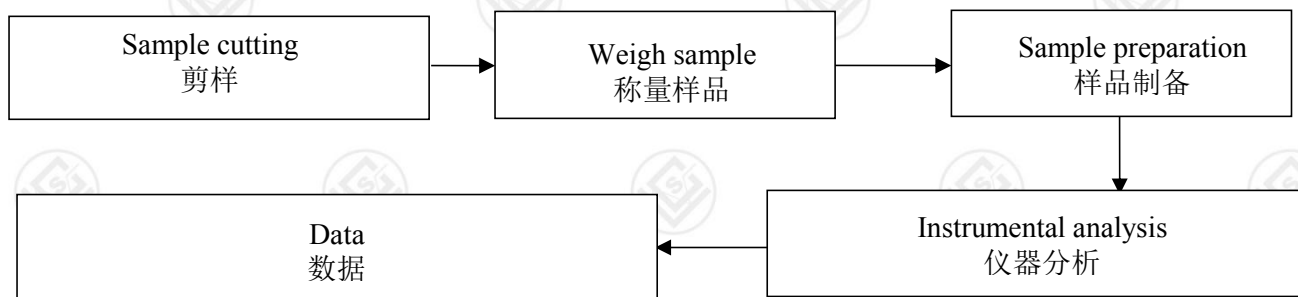
Date(日期): 2022.01.12

Page(页码) 20 of 21

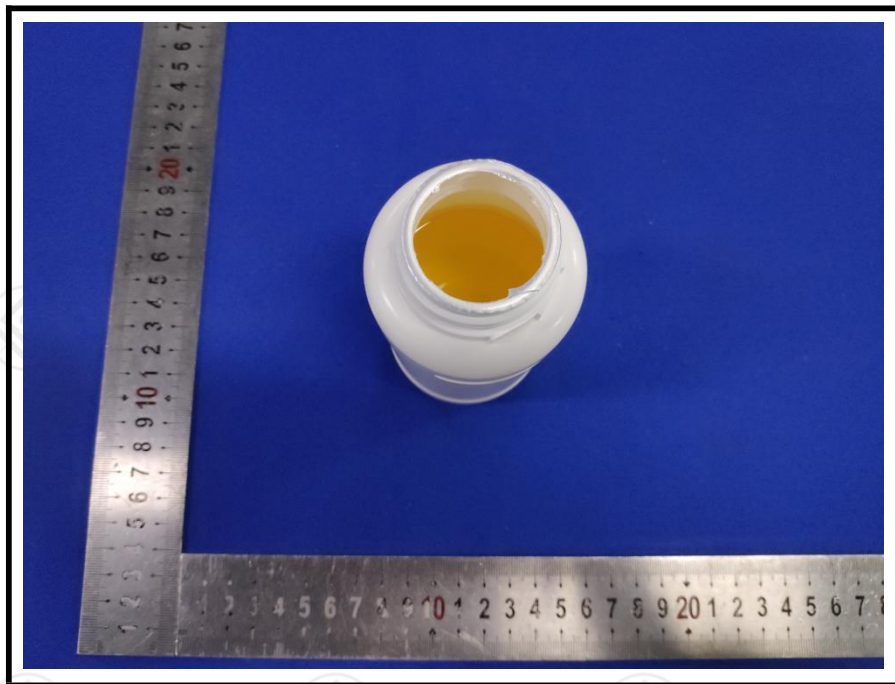
- 2) Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation does not meet the criteria for classification as dangerous in accordance with Directive 1999/45/EC, but contains any substance that is included in the Candidate List in an individual concentration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

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。

Test Process 检测流程



Photo(s) of the sample(s) 样品图片



TEST REPORT

检测报告

Report No.(报告编号): LCS220108005AR

Date(日期): 2022.01.12

Page(页码) 21 of 21

Statement:

声明:

1. The test report is invalid without the signature of the approver and the special seal for the company's report;
未经批准人签字及加盖公司报告专用章的检测报告无效;
2. The Company Name, Address and sample information shown on the Report were provided by the applicant who should be responsible for the authenticity which are not verified by LCS;
报告抬头公司名称、地址及样品信息由申请者提供并对其真实性负责, 并非由 LCS 核实;
3. The test results in this report are only responsible for the tested samples;
本报告检测结果仅对受测样品负责;
4. Without written approval of LCS, this report can't be reproduced except in full;
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检测报告中对应中文与英文内容如有差异, 以中文版本为准。

*** End of Report ***

*** 报告结束 ***

