

Test Report

No.: EY210329013C015

Date: Apr. 06, 2021

Page 1 of 23

Applicant : CUBIC SENSOR AND INSTRUMENT CO.,LTD.
委托单位 : 四方光电股份有限公司

Address : FENGHUANG YUAN NO.3 ROAD, FENGHUANG INDUSTRIAL PARK, EASTLAKE
HI-TECH DEVELOPMENT ZONE, WUHAN , CHINA.

地 址 : 湖北省武汉市东湖新技术开发区凤凰产业园凤凰园三路 3 号

Sample Name : Ultrasonic Gas Flow and Oxygen Sensor
样品名称 : 超声波氧气传感器

Model : Gasboard-7500B series,Gasboard-7500H series,Gasboard-7500C series,
Gasboard-7500E series,Gasboard-8500V series,Gasboard-7500K series,
Gasboard-8500D series,Gasboard-8500D series,Gasboard-8500D series,
Gasboard-8500D series

型 号 : Gasboard-7500B 系列,Gasboard-7500H 系列,Gasboard-7500C 系列,
Gasboard-7500E 系列,Gasboard-8500V 系列,Gasboard-7500K 系列,
Gasboard-8500D 系列,Gasboard-8500D 系列,Gasboard-8500D 系列,
Gasboard-8500D 系列

Received Date : Mar. 29, 2021
接收日期 : 2021 年 03 月 29 日

Test Period : Mar. 29, 2021 ~ Apr. 06, 2021
检测日期 : 2021 年 03 月 29 日~2021 年 04 月 06 日

Test Requested : As specified by client, SVHC screening is performed according to:
检测要求 : 根据客户要求, 对高关注物质(SVHC)进行筛分测试:
Two hundred and eleven (211) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before January 19, 2021 regarding Regulation (EC) No 1907/2006 concerning the REACH. 欧洲化学品管理局(ECHA)截止 2021 年 1 月 19 日公布的供授权审议的关于 REACH 第 1907/2006 号法规的高关注物质候选清单中的 211 种物质。

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

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



Test Report

No.: EY210329013C015

Date: Apr. 06, 2021

Page 2 of 23

Summary:

总结:

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, 委托样品中高关注物质(SVHC)的浓度均 $\leq 0.1\%$ (w/w)

PASS
合格



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

Prepared by:

May

He Yanmei, May
Assistant engineer

Reviewed by:

Jay

Yu Chunhua, Jay
Technical supervisor

Approved by:



Hu Zhenlong, Howar
Authorized signatory
Apr. 06, 2021

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



Test Report

No.: EY210329013C015

Date: Apr. 06, 2021

Page 3 of 23

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，将来可能会有变化。

(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:

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

- 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。



Test Report

No.: EY210329013C015

Date: Apr. 06, 2021

Page 4 of 23

- 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。

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



Test Report

No.: EY210329013C015

Date: Apr. 06, 2021

Page 5 of 23

Test Sample List:

检测样品清单:

Sample No. 样品序号	Sample Description 样品描述
8-1	Metal mixed test 金属混测
8-2	Non-metal mixed test 非金属混测

Remark: The samples of No.8-1,8-2 were analyzed on behalf of the applicant as mixing sample in one testing. The above results were only given as the informality value.

备注: 样品 8-1,8-2 的测试是基于申请人要求混合测试, 报告中的混合测试结果不代表其中个别单一材质的含量。

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.	RL(%)	Test Results 检测结果(%)
					8-1(MIX/混测)
-	-	All tested SVHC in the candidate list 候选清单中所有被测的SVHC	-	-	ND

Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	RL(%)	Test Results 检测结果(%)
					8-2(MIX/混测)
-	-	All tested SVHC in the candidate list 候选清单中所有被测的SVHC	-	-	ND

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



Test Report

No.: EY210329013C015

Date: Apr. 06, 2021

Page 6 of 23

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) Composite test has been performed in equal proportion for the components/material per client requested. And the result is calculated using the minimum sample weight.

依据客户要求，按组件/材料等比例进行混合测试，并以最小样品重量来计算结果。

(5) 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 exclude 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。

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



Test Report

No.: EY210329013C015

Date: Apr. 06, 2021

Page 7 of 23

Appendix : Full list of tested SVHC

附录: 所有测试的 SVHC

Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	RL(%)
I	1	4,4'- Diaminodiphenylmethane (MDA) 4,4'-二氨基二苯甲烷 (MDA)	101-77-9	0.010
I	2	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk Xylene) 二甲苯麝香(MX)	81-15-2	0.010
I	3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) 短链氯化石蜡(C10-13) (SCCP)	85535-84-8	0.010
I	4	Anthracene 蒽	120-12-7	0.010
I	5	Benzyl butyl phthalate (BBP) 邻苯二甲酸丁苄酯 (BBP)	85-68-7	0.010
I	6	Bis (2-ethylhexyl)phthalate (DEHP) 邻苯二甲酸二(2-乙基己)酯 (DEHP)	117-81-7	0.010
I	7	Bis(tributyltin) oxide (TBTO) 氧化双三丁基锡 (TBTO)	56-35-9	0.010
I	8	Cobalt dichloride 二氯化钴 *	7646-79-9	0.010
I	9	Diarsenic pentaoxide 五氧化二砷 *	1303-28-2	0.010
I	10	Diarsenic trioxide 三氧化二砷 *	1327-53-3	0.010
I	11	Dibutyl phthalate (DBP) 邻苯二甲酸二丁酯 (DBP)	84-74-2	0.010
I	12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD) 六溴环十二烷 (HBCDD) 及其所有主要的非对映异构体(α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4 134237-50-6 134237-51-7 134237-52-8	0.010
I	13	Lead hydrogen arsenate 砷酸氢铅 *	7784-40-9	0.010
I	14	Sodium dichromate 重铬酸钠 *	10588-01-9 7789-12-0	0.010
I	15	Triethyl arsenate 三乙基砷酸酯 *	15606-95-8	0.010

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



Test Report

No.: EY210329013C015

Date: Apr. 06, 2021

Page 8 of 23

Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	RL(%)
II	16	Acrylamide 丙烯酰胺	79-06-1	0.010
II	17	2,4-dinitrotoluene 2,4-二硝基甲苯	121-14-2	0.010
II	18	Anthracene oil 蒽油	90640-80-5	0.010
II	19	Anthracene oil, anthracene paste 蒽油, 蒽糊	90640-81-6	0.010
II	20	Anthracene oil, anthracene paste, anthracene fraction 蒽油, 蒽糊, 蒽馏分	91995-15-2	0.010
II	21	Anthracene oil, anthracene paste, distn. lights 蒽油, 蒽糊, 轻油	91995-17-4	0.010
II	22	Anthracene oil, anthracene-low 蒽油, 含蒽量少	90640-82-7	0.010
II	23	Diisobutyl phthalate (DIBP) 邻苯二甲酸二异丁酯 (DIBP)	84-69-5	0.010
II	24	Lead chromate 铬酸铅(铬黄) *	7758-97-6	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	0.010
II	26	Lead sulfochromate yellow (C.I. Pigment Yellow 34) 铅铬黄 (C.I.颜料黄 34) *	1344-37-2	0.010
II	27	Pitch, coal tar, high-temp. 高温煤焦油沥青	65996-93-2	0.010
II	28	Tris(2-chloroethyl) phosphate (TCEP) 磷酸三(2-氯乙基)酯 (TCEP)	115-96-8	0.010
III	29	Ammonium dichromate 重铬酸铵 *	7789-09-5	0.010
III	30	Boric acid 硼酸 *	11113-50-1 10043-35-3	0.010
III	31	Disodium tetraborate, anhydrous 无水四硼酸钠 *	12179-04-3 1303-96-4 1330-43-4	0.010

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



Test Report

No.: EY210329013C015

Date: Apr. 06, 2021

Page 9 of 23

Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	RL(%)
III	32	Potassium chromate 铬酸钾 *	7789-00-6	0.010
III	33	Potassium dichromate 重铬酸钾 *	7778-50-9	0.010
III	34	Sodium chromate 铬酸钠 *	7775-11-3	0.010
III	35	Tetraboron disodium heptaoxide, hydrate 七水合四硼酸钠 *	12267-73-1	0.010
III	36	Trichloroethylene 三氯乙烯	79-01-6	0.010
IV	37	2-ethoxyethanol 2-乙氧基乙醇	110-80-5	0.010
IV	38	2-methoxyethanol 2-甲氧基乙醇	109-86-4	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	0.010
IV	40	Chromium trioxide 三氧化铬 *	1333-82-0	0.010
IV	41	Cobalt(II) carbonate 碳酸钴(II) *	513-79-1	0.010
IV	42	Cobalt(II) diacetate 乙酸钴(II) *	71-48-7	0.010
IV	43	Cobalt(II) dinitrate 硝酸钴(II) *	10141-05-6	0.010
IV	44	Cobalt(II) sulphate 硫酸钴(II) *	10124-43-3	0.010
V	45	1,2,3-trichloropropane 1,2,3-三氯丙烷	96-18-4	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	0.010
V	47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP) 邻苯二甲酸二(C7-11 支链与直链)烷基酯 (DHNUP)	68515-42-4	0.010

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



Test Report

No.: EY210329013C015

Date: Apr. 06, 2021

Page 10 of 23

Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	RL(%)
V	48	1-Methyl-2-pyrrolidone (NMP) 1-甲基-2-吡咯烷酮 (NMP)	872-50-4	0.010
V	49	2-ethoxyethyl acetate 乙二醇乙醚醋酸酯	111-15-9	0.010
V	50	Hydrazine 肼	302-01-2 7803-57-8	0.010
V	51	Strontium chromate 铬酸锶 *	7789-06-2	0.010
VI	52	1,2-dichloroethane 1,2-二氯乙烷	107-06-2	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	0.010
VI	54	2-Methoxyaniline, o-Anisidine 邻甲氧基苯胺	90-04-0	0.010
VI	55	4-(1,1,3,3-tetramethylbutyl)phenol 对特辛基苯酚	140-66-9	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	0.010
VI	58	Bis(2-methoxyethyl) ether 二乙二醇二甲醚	111-96-6	0.010
VI	59	Bis(2-methoxyethyl) phthalate 邻苯二甲酸二甲氧基乙酯	117-82-8	0.010
VI	60	Calcium arsenate 砷酸钙 *	7778-44-1	0.010
VI	61	Dichromium tris(chromate) 铬酸铬 *	24613-89-6	0.010
VI	62	Formaldehyde, oligomeric reaction products with aniline 甲醛与苯胺的低聚物	25214-70-4	0.010
VI	63	Lead diazide, Lead azide 迭氮化铅 *	13424-46-9	0.010
VI	64	Lead dipicrate 苦味酸铅 *	6477-64-1	0.010

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



Test Report

No.: EY210329013C015

Date: Apr. 06, 2021

Page 11 of 23

Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	RL(%)
VI	65	Lead styphnate 2,4,6-三硝基苯二酚铅(史蒂芬酸铅) *	15245-44-0	0.010
VI	66	N,N-dimethylacetamide (DMAC) N,N-二甲基乙酰胺 (DMAC)	127-19-5	0.010
VI	67	Pentazinc chromate octahydroxide 氢氧化铬酸锌(锌黄) *	49663-84-5	0.010
VI	68	Phenolphthalein 酚酞	77-09-8	0.010
VI	69	Potassium hydroxyoctaoxodizincatedichromate 氢氧化铬酸锌钾 *	11103-86-9	0.010
VI	70	Trilead diarsenate 砷酸铅 *	3687-31-8	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	0.010
VII	73	1,2-dimethoxyethane, ethylene glycol dimethyl ether (EGDME) 乙二醇二甲醚(EGDME)	110-71-4	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	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	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	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	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	0.010

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



Test Report

No.: EY210329013C015

Date: Apr. 06, 2021

Page 12 of 23

Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	RL(%)
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 ≥ 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	0.010
VII	80	Diboron trioxide 三氧化二硼 *	1303-86-2	0.010
VII	81	Formamide 甲酰胺	75-12-7	0.010
VII	82	Lead(II) bis(methanesulfonate) 甲基磺酸铅(II) *	17570-76-2	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	0.010
VII	84	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) with ≥ 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	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	0.010
VIII	86	1,2-diethoxyethane 乙二醇二乙醚	629-14-1	0.010
VIII	87	1-bromopropane (n-propyl bromide) 1-溴丙烷	106-94-5	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-噁唑烷	143860-04-2	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	0.010
VIII	90	4,4'-oxydianiline and its salts 4,4'-二氨基二苯醚及其盐	101-80-4	0.010
VIII	91	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated 对特辛基苯酚乙氧基醚	-	0.010
VIII	92	4-aminoazobenzene 4-氨基偶氮苯	60-09-3	0.010

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



Test Report

No.: EY210329013C015

Date: Apr. 06, 2021

Page 13 of 23

Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	RL(%)
VIII	93	4-methyl-m-phenylenediamine (toluene-2,4-diamine) 2,4-二氨基甲苯	95-80-7	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	0.010
VIII	96	[Phthalato(2-)]dioxotrilead 二盐基邻苯二甲酸铅 *	69011-06-9	0.010
VIII	97	Acetic acid, lead salt, basic 碱式乙酸铅 *	51404-69-4	0.010
VIII	98	Biphenyl-4-ylamine 4-氨基联苯	92-67-1	0.010
VIII	99	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE) 十溴联苯醚(DecaBDE)	1163-19-5	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	0.010
VIII	101	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA) 偶氮二甲酰胺(ADCA)	123-77-3	0.010
VIII	102	Dibutyltin dichloride (DBTC) 二丁基二氯化锡(DBTC)	683-18-1	0.010
VIII	103	Diethyl sulphate 硫酸二乙酯	64-67-5	0.010
VIII	104	Diisopentyl phthalate (DIPP) 邻苯二甲酸二异戊酯 (DIPP)	605-50-5	0.010
VIII	105	Dimethyl sulphate 硫酸二甲酯	77-78-1	0.010
VIII	106	Dinoseb (6-sec-butyl-2,4-dinitrophenol) 地乐酚	88-85-7	0.010

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



Test Report

No.: EY210329013C015

Date: Apr. 06, 2021

Page 14 of 23

Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	RL(%)
VIII	107	Dioxobis(stearato)trilead 双(十八酸基)二氧化三铅 *	12578-12-0	0.010
VIII	108	Fatty acids, C16-18, lead salts C16-18-脂肪酸铅盐 *	91031-62-8	0.010
VIII	109	Furan 呋喃	110-00-9	0.010
VIII	110	Henicosaflluoroundecanoic acid 全氟十一烷酸	2058-94-8	0.010
VIII	111	Heptacosaflluorotetradecanoic acid 全氟十四烷酸	376-06-7	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	0.010
VIII	113	Lead bis(tetrafluoroborate) 四氟硼酸铅 *	13814-96-5	0.010
VIII	114	Lead cyanamidate 氨基氰铅盐 *	20837-86-9	0.010
VIII	115	Lead dinitrate 硝酸铅 *	10099-74-8	0.010
VIII	116	Lead monoxide (lead oxide) 一氧化铅 *	1317-36-8	0.010
VIII	117	Lead oxide sulfate 碱式硫酸铅 *	12036-76-9	0.010
VIII	118	Lead titanium trioxide 钛酸铅 *	12060-00-3	0.010
VIII	119	Lead titanium zirconium oxide 钛酸铅锆 *	12626-81-2	0.010
VIII	120	Methoxyacetic acid 甲氧基乙酸	625-45-6	0.010

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



Test Report

No.: EY210329013C015

Date: Apr. 06, 2021

Page 15 of 23

Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	RL(%)
VIII	121	Methyloxirane (Propylene oxide). 1,2-环氧丙烷	75-56-9	0.010
VIII	122	N,N-dimethylformamide (DMF) N,N-二甲基甲酰胺 (DMF)	68-12-2	0.010
VIII	123	N-methylacetamide N-甲基乙酰胺	79-16-3	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	0.010
VIII	126	o-toluidine 2-氨基甲苯	95-53-4	0.010
VIII	127	Orange lead (lead tetroxide) 四氧化三铅 *	1314-41-6	0.010
VIII	128	Pentacosafuorotridecanoic acid 全氟十三烷酸	72629-94-8	0.010
VIII	129	Pentalead tetraoxide sulphate 硫酸四氧化五铅 *	12065-90-6	0.010
VIII	130	Pyrochlore, antimony lead yellow 铅锑黄 *	8012-00-8	0.010
VIII	131	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped 掺杂铅的硅酸钡 *	68784-75-8	0.010
VIII	132	Silicic acid, lead salt 硅酸铅 *	11120-22-2	0.010
VIII	133	Sulfurous acid, lead salt, dibasic 二碱式亚硫酸铅 *	62229-08-7	0.010
VIII	134	Tetraethyllead 四乙基铅 *	78-00-2	0.010
VIII	135	Tetralead trioxide sulphate 硫酸三氧化四铅(三碱式硫酸铅) *	12202-17-4	0.010
VIII	136	Tricosafuorododecanoic acid 全氟十二烷酸	307-55-1	0.010
VIII	137	Trilead bis(carbonate) dihydroxide 碱式碳酸铅 *	1319-46-6	0.010

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



Test Report

No.: EY210329013C015

Date: Apr. 06, 2021

Page 16 of 23

Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	RL(%)
VIII	138	Trilead dioxide phosphonate 二碱式亚磷酸铅 *	12141-20-7	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	0.010
IX	141	Cadmium 镉 *	7440-43-9	0.010
IX	142	Cadmium oxide 氧化镉 *	1306-19-0	0.010
IX	143	Dipentyl phthalate (DPP) 邻苯二甲酸二正戊酯(DPP)	131-18-0	0.010
IX	144	Pentadecafluorooctanoic acid (PFOA) 全氟辛酸(PFOA)	335-67-1	0.010
X	145	Cadmium sulphide 硫化镉(镉黄) *	1306-23-6	0.010
X	146	Dihexyl phthalate (DNHP) 邻苯二甲酸二正己酯 (DNHP)	84-75-3	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	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	0.010
X	149	Imidazolidine-2-thione (2-imidazoline-2-thiol) 2-巯基咪唑啉	96-45-7	0.010
X	150	Lead di(acetate) 乙酸铅 *	301-04-2	0.010
X	151	Trixylyl phosphate 磷酸三(二甲苯)酯	25155-23-1	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	0.010

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



Test Report

No.: EY210329013C015

Date: Apr. 06, 2021

Page 17 of 23

Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	RL(%)
XI	153	Cadmium chloride 氯化镉 *	10108-64-2	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	0.010
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	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	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	0.010
XII	159	Cadmium fluoride 氟化镉 *	7790-79-6	0.010
XII	160	Cadmium sulphate 硫酸镉 *	10124-36-4, 31119-53-6	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%	-	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

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



Test Report

No.: EY210329013C015

Date: Apr. 06, 2021

Page 18 of 23

Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	RL(%)
XIV	164	1,3-propanesultone 1,3-丙磺酸内酯	1120-71-4	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	0.010
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	0.010
XIV	167	Nitrobenzene 硝基苯	98-95-3	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	0.010
XV	169	Benzo[a]pyrene 苯并[a]芘	50-32-8	0.010
XVI	170	4,4'-isopropylidenediphenol (bisphenol A) 4,4'-异亚丙基二酚(双酚 A)	80-05-7	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	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	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	0.010
XVIII	176	Cadmium carbonate 碳酸镉 *	513-78-0	0.010
XVIII	177	Cadmium hydroxide 氢氧化镉 *	21041-95-2	0.010
XVIII	178	Cadmium nitrate 硝酸镉 *	10325-94-7	0.010

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



Test Report

No.: EY210329013C015

Date: Apr. 06, 2021

Page 19 of 23

Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	RL(%)
XVIII	179	Chrysene 蒽	218-01-9	0.010
XVIII	180	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1 ^{6,9} .0 ^{2,13} .0 ^{5,10}]octadeca-7,15-diene ("Dechlorane Plus" TM) [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 ^{6,9} .0 ^{2,13} .0 ^{5,10}]十八碳-7,15-二烯("德克隆" TM)[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	0.010
XIX	183	Decamethylcyclopentasiloxane (D5) 十甲基环五硅氧烷(D5)	541-02-6	0.010
XIX	184	Dodecamethylcyclohexasiloxane (D6) 十二甲基环六硅氧烷(D6)	540-97-6	0.010
XIX	185	Lead * 铅	7439-92-1	0.010
XIX	186	Disodium octaborate * 八硼酸二钠	12008-41-2	0.010
XIX	187	Benzo[ghi]perylene 苯并[g,h,i]芘	191-24-2	0.010
XIX	188	Terphenyl, hydrogenated 氢化三联苯	61788-32-7	0.010
XIX	189	Ethylenediamine (EDA) 乙二胺(EDA)	107-15-3	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	0.010
XIX	191	Dicyclohexyl phthalate (DCHP) 邻苯二甲酸二环己酯(DCHP)	84-61-7	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	0.010

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the tests requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



Test Report

No.: EY210329013C015

Date: Apr. 06, 2021

Page 20 of 23

Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	RL(%)
XX	193	Benzo[k]fluoranthene 苯并[k]荧蒽	207-08-9	0.010
XX	194	Fluoranthene 荧蒽	206-44-0	0.010
XX	195	Phenanthrene 菲	85-01-8	0.010
XX	196	Pyrene 芘	129-00-0	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	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	0.010
XXI	200	4-tert-butylphenol 4-叔丁基苯酚	98-54-4	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-2-二甲基氨基-1-(4-吗啉苯基)丁酮	119313-12-1	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	0.010
XXII	204	Diisohexyl phthalate 邻苯二甲酸二异己酯	71850-09-4	0.010
XXII	205	Perfluorobutane sulfonic acid (PFBS) and its salts 全氟丁烷磺酸(PFBS)及其盐类	-	0.010

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



Test Report

No.: EY210329013C015

Date: Apr. 06, 2021

Page 21 of 23

Batch 批次	No. 序号	Substance Name 物质名称	CAS No.	RL(%)
XXIII	206	1-vinylimidazole 1-乙烯基咪唑	1072-63-5	0.010
XXIII	207	2-methylimidazole 2-甲基咪唑	693-98-1	0.010
XXIII	208	Butyl 4-hydroxybenzoate 4-羟基苯甲酸丁酯	94-26-8	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	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	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	-	0.010

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



Test Report

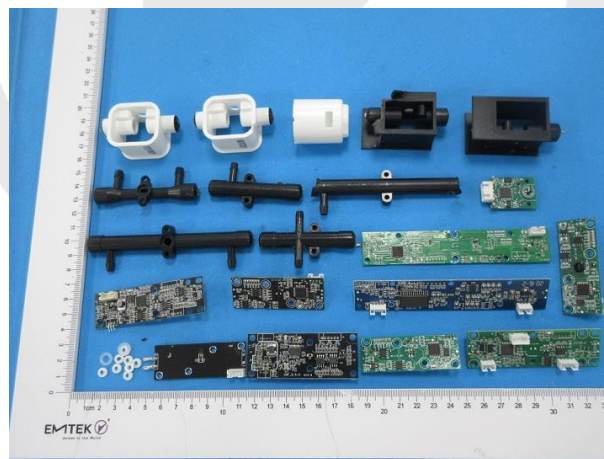
No.: EY210329013C015

Date: Apr. 06, 2021

Page 22 of 23

Sample Photos:

样品照片:



*** End of Report ***
报告结束

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



Test Report

No.: EY210329013C015

Date: Apr. 06, 2021

Page 23 of 23

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.
- 2.本检测报告以实测值进行符合性判定，未考虑不确定度所带来的风险，特别约定、标准或规范中有明确规定的除外。此种判定方式所带来的风险由客户自行承担，本实验室不承担任何相关责任。
The judgment method of determining the conformity in this test report is according to the measured value without considering the risk caused by uncertainty, unless otherwise clearly stipulated in special agreement, standard or specification. The client shall assume the risk caused by the judgment method, and EMTEK shall not bear related responsibilities.
3. 检测报告无批准人签字及“检验检测专用章”无效，未经本实验室书面同意，不得整体或部分复制本报告。
The test report is effective only with both signature and specialized stamp. Without written approval of EMTEK, this report can't be reproduced in full or in part.
- 4.本检测报告的检测结果仅对送测样品负责，未加盖资质认定标志的检测报告不对社会具有公证证明作用，对于检测数据、结果的使用，所产生的直接或间接损失及一切法律后果，本实验室不承担任何经济和法律后果。
This test data is only responsible for the tested sample. The data and results provided by the report without CMA accreditation are not to prove to the society, and EMTEK is not responsible for any economic and legal responsibility for the use of the test data, the direct or indirect losses resulting from the use of the test and all legal consequences.
- 5.本检测报告中检测项目标注有特殊符号则该项目不在本实验室资质认定能力范围内，该项目检测结果仅作为客户委托、科研、教学或内部质量控制等目的使用。
The test items are marked with special symbols in the report is out of the scope of CMA accreditation. The test result only used for client's requirement, scientific researching, teaching or internal quality control.
- 6.其它声明请查阅报告页脚及书面报告背页。
For other statements, please refer to the footer of the report.

Test results are only responsible for delivered samples. This test report is issued by the company and is intended for your exclusive use. This test report includes all of the testes requested by you and the results thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



签发测试报告条款 Conditions of Issuance of Test Reports

1. 广州信测标准技术服务有限公司（以下简称[本公司]）为提供符合下述条款的测试和报告，而接受有关样品和货品。本公司基于下述条款提供服务，下述条款为本公司与申请服务的个人、企业或公司（以下简称[客户]）的协议。
All samples and goods are accepted by the EMTEK(Guangzhou) Co., Ltd. (the "Company") solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the Company and any person, firm or company requesting its services (the "Clients").
2. 由此测试申请所发出的任何报告（以下简称[报告]），本公司会严格为客户保密。未经本公司的书面同意，报告的整体或部分不得复制，也不得用于广告或授权的其他用途。然而，客户可以将本公司印制的报告或认可的副本，向其客户、供货商或直接相关的其他人出示或提交。除非相关政府部门、法律或法规要求，否则未经客户同意，本公司不得将报告内容向任何第三方讨论或披露。
Any report issued by Company as a result of this application for testing services (the "Report") shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
3. 除非相关政府部门、法律或法院要求，否则未经公司预先书面同意，本公司毋庸，也并无义务到法院对有关报告作证。
The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
4. 如果本公司确定报告被不当地使用，本公司保留撤回报告的权利，并有权要求其它适当的额外赔偿。
In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
5. 本公司接受样品进行测试的前提是，该测试报告不能作为针对本公司法律行动的依据。
Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
6. 如因使用本公司中心任何报告内的资料，或任何传播信息所描述与之有关的测试或研究导致的任何损失或损害，本公司概不负责。
The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
7. 若需要在法院审理程序或者仲裁过程中使用测试报告，客户必须在提交测试样品前将该意图告知本公司。
Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
8. 该测试报告的支持数据和信息本公司保存 10 年。个别评审机构有特别要求的，检测数据和报告的保存期可依情况变动。一旦超过上述提交的保存期限，数据和信息将被处理掉。任何情况下，本公司不必提供任何被处理的过期数据或信息。即使本公司事先被告知可能会发生相关的损害，本公司在任何情况下也不必承担任何损害，包括（但不限于）补偿性赔偿、利润损失、数据遗失、或任何形式的特殊损害、附带损害、间接损害、从属损害或任何违反约定、违反承诺、侵权（包括疏忽）、产品责任或其他原因的惩罚性损害。
Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of ten years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

