



检测报告

Test Report

报告编号 A2200405848101E
Report No. A2200405848101E

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报告抬头公司名称 广东捷普特科技有限公司
Company Name GUANGDONG JPET TECHNOLOGY COMPANY LIMITED
shown on Report
地 址 东莞市南城街道鸿福社区黄金路 1 号东莞天安数码城 F 区 1 号科研楼 801 之一
Address NO. 801, SCIENTIFIC RESEARCH BUILDING, NO. 1, F DISTRICT, TIAN'AN DIGITAL CITY, DONGGUAN, NO. 1, HUANGJIN ROAD, HONGFU COMMUNITY, NANCHENG STREET, DONGGUAN

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 热保护器
Sample Name(s) Thermal protector
样品接收日期 2020.11.17
Sample Received Date Nov. 17, 2020
样品检测日期 2020.11.17-2020.11.19
Testing Period Nov. 17, 2020 to Nov. 19, 2020

检测要求 根据客户要求, 对所提交样品中的铅(Pb), 镉(Cd), 汞(Hg), 六价铬(Cr(VI)), 多溴联苯(PBBs), 多溴二苯醚(PBDEs), 邻苯二甲酸酯(DBP, BBP, DEHP, DIBP)进行测试。
Test Requested As specified by client, to test Lead (Pb), Cadmium (Cd), Cadmium(Cd), Mercury (Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers (PBDEs), Phthalates (DBP, BBP, DEHP, DIBP) in the submitted sample(s).

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

主 检 张绍祥
Tested by

审 核 刘琳慧
Reviewed by

批 准 郑晴涛
Approved by

日 期 2020.11.19
Date

郑晴涛
技术经理 Technical Manager

No. R294341910

华测检测认证集团股份有限公司
Centre Testing International Group Co., Ltd.

广东省深圳市宝安区新安街道兴东社区华测检测大楼

CTI Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

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检测依据 Test Method

测试项目 Tested Item(s)	测试方法 Test Method	测试仪器 Measured Equipment(s)
铅 Lead (Pb)	IEC 62321-5:2013	ICP-OES
镉 Cadmium (Cd)	IEC 62321-5:2013	ICP-OES
镉 Cadmium(Cd)	IEC 62321-5:2013	ICP-OES
汞 Mercury (Hg)	IEC 62321-4:2013+AMD1:2017 CSV	ICP-OES
六价铬 Hexavalent Chromium (Cr(VI))	IEC 62321-7-1:2015	UV-Vis
	IEC 62321-7-2:2017 和/或 IEC 62321-5:2013 测试总铬含量 IEC 62321-7-2:2017 and/or determination of Total Chromium by IEC 62321-5:2013	UV-Vis/ICP-OES
多溴联苯 Polybrominated Biphenyls(PBBs)	IEC 62321-6:2015	GC-MS
多溴二苯醚 Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS
邻苯二甲酸酯 Phthalates (DBP, BBP, DEHP, DIBP)	IEC 62321-8:2017	GC-MS

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检测结果 Test Result(s)

测试项目 Tested Item(s)	结果 Result		方法检出限 MDL
	001	002	
铅 Lead (Pb)	N.D.	N.D.	2 mg/kg
镉 Cadmium (Cd)	N.D.	N.D.	2 mg/kg
汞 Mercury (Hg)	N.D.	N.D.	2 mg/kg
六价铬 Hexavalent Chromium (Cr(VI))	N.D.	--	8 mg/kg
	--	N.D.▼	0.10 µg/cm ² (LOQ)

测试项目 Tested Item(s)	结果 Result		方法检出限 MDL
	001		
多溴联苯 Polybrominated Biphenyls(PBBs)			
一溴联苯 Monobromobiphenyl	N.D.		5 mg/kg
二溴联苯 Dibromobiphenyl	N.D.		5 mg/kg
三溴联苯 Tribromobiphenyl	N.D.		5 mg/kg
四溴联苯 Tetrabromobiphenyl	N.D.		5 mg/kg
五溴联苯 Pentabromobiphenyl	N.D.		5 mg/kg
六溴联苯 Hexabromobiphenyl	N.D.		5 mg/kg
七溴联苯 Heptabromobiphenyl	N.D.		5 mg/kg
八溴联苯 Octabromobiphenyl	N.D.		5 mg/kg
九溴联苯 Nonabromobiphenyl	N.D.		5 mg/kg
十溴联苯 Decabromobiphenyl	N.D.		5 mg/kg

测试项目 Tested Item(s)	结果 Result		方法检出限 MDL
	001		
多溴二苯醚 Polybrominated Diphenyl Ethers (PBDEs)			
一溴二苯醚 Monobromodiphenyl ether	N.D.		5 mg/kg
二溴二苯醚 Dibromodiphenyl ether	N.D.		5 mg/kg
三溴二苯醚 Tribromodiphenyl ether	N.D.		5 mg/kg
四溴二苯醚 Tetrabromodiphenyl ether	N.D.		5 mg/kg
五溴二苯醚 Pentabromodiphenyl ether	N.D.		5 mg/kg
六溴二苯醚 Hexabromodiphenyl ether	N.D.		5 mg/kg
七溴二苯醚 Heptabromodiphenyl ether	N.D.		5 mg/kg
八溴二苯醚 Octabromodiphenyl ether	N.D.		5 mg/kg
九溴二苯醚 Nonabromodiphenyl ether	N.D.		5 mg/kg
十溴二苯醚 Decabromodiphenyl ether	N.D.		5 mg/kg

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测试项目 Tested Item(s)	结果 Result	方法检出限 MDL
	001	
邻苯二甲酸酯 Phthalates (DBP, BBP, DEHP, DIBP)		
邻苯二甲酸二丁酯 Dibutyl phthalate (DBP) CAS#:84-74-2	N.D.	50 mg/kg
邻苯二甲酸丁基苄基酯 Butyl benzyl phthalate (BBP) CAS#:85-68-7	N.D.	50 mg/kg
邻苯二甲酸二(2-乙基)己酯 Di-(2-ethylhexyl) phthalate (DEHP) CAS#:117-81-7	N.D.	50 mg/kg
邻苯二甲酸二异丁酯 Diisobutyl phthalate (DIBP) CAS#:84-69-5	N.D.	50 mg/kg

样品/部位描述 Sample/Part Description

- 001 混测，白色塑料、带有黑色印字的白色线皮和带有白色印字的红色线皮
Mixed test, white plastic, white wire jacket with black printing and red wire jacket with white printing*
- 002 混测，带有银色镀层的金属、银色金属、带有印字的深蓝色/棕色金属和铜色/银色金属
Mixed test, metal with silvery plating, silvery metal, dark blue/brown metal with printing and cupreous/silvery metal*

备注:

- 对于检测铅，镉，汞之样品已完全溶解。
- *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。
- N.D. = 未检出 (小于方法检出限或定量限)
- mg/kg = ppm = 百万分之一
- LOQ = 定量限，六价格的定量限为 0.10 $\mu\text{g}/\text{cm}^2$
- ▼六价格浓度小于 0.10 $\mu\text{g}/\text{cm}^2$ ，样品未检出六价格。

Remark:

- The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.
- *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.
- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL or LOQ)
- mg/kg = ppm = parts per million
- LOQ = Limit of Quantification, The LOQ of Hexavalent chromium is 0.10 $\mu\text{g}/\text{cm}^2$
- ▼The sample is negative for Cr(VI) – The Cr(VI) concentration is below 0.10 $\mu\text{g}/\text{cm}^2$. The coating is considered a non-Cr(VI) based coating.

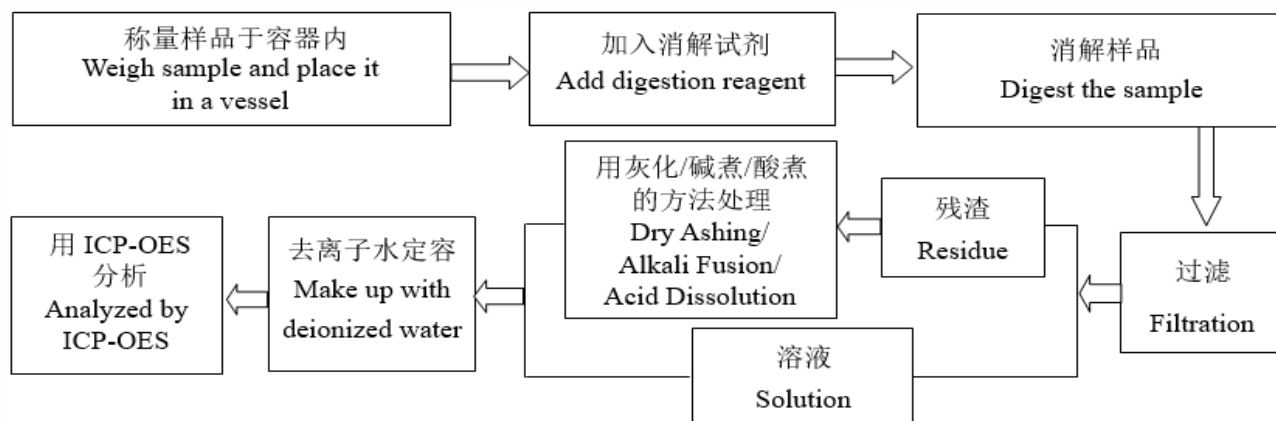
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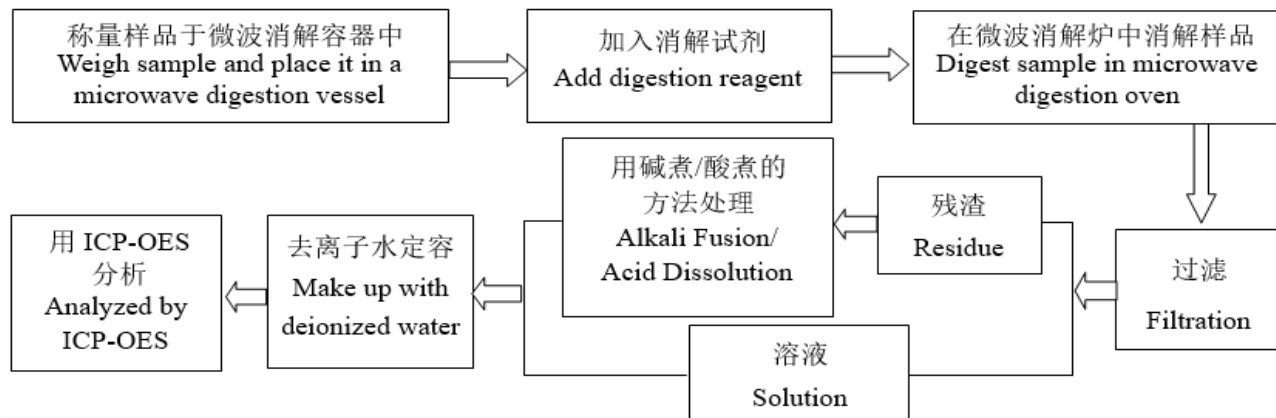
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检测流程 Test Process

1. 铅 Lead (Pb), 镉 Cadmium (Cd), 镉 Cadmium(Cd), 铬 Chromium(Cr)

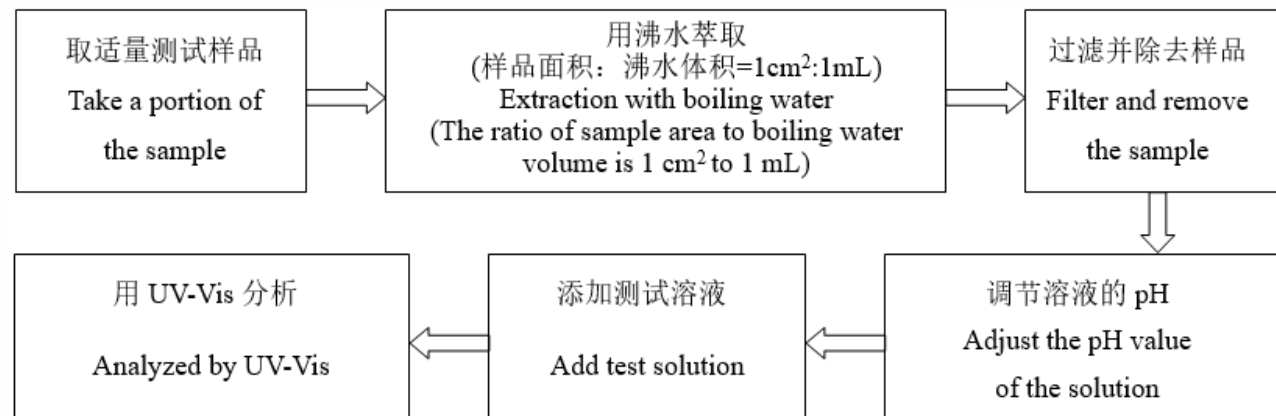


2. 汞 Mercury (Hg)



3. 六价铬 Hexavalent Chromium (Cr(VI))

(1) IEC 62321-7-1:2015

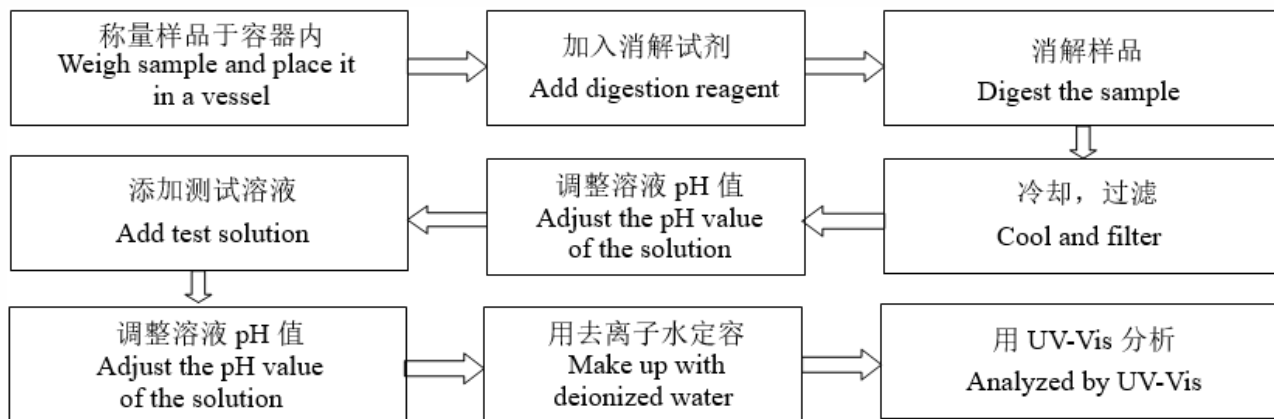


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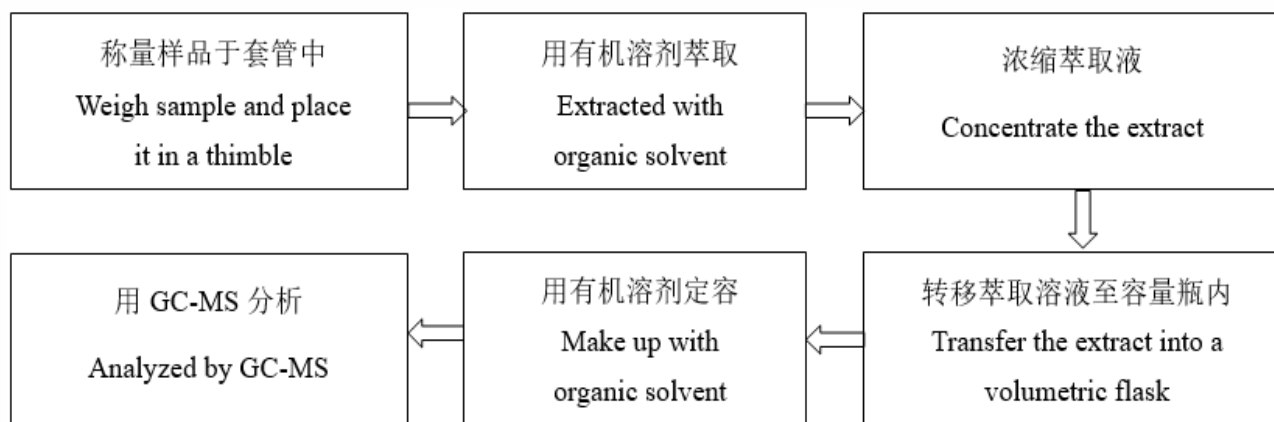
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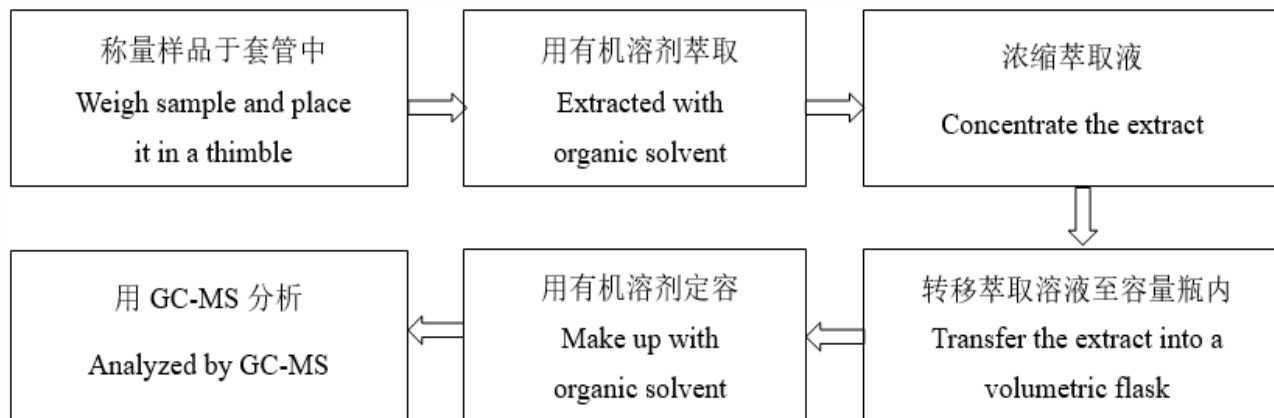
(2) IEC 62321-7-2:2017



4. 多溴联苯 Polybrominated Biphenyls(PBBs), 多溴二苯醚 Polybrominated Diphenyl Ethers (PBDEs)



5. 邻苯二甲酸酯 Phthalates (DBP, BBP, DEHP, DIBP)



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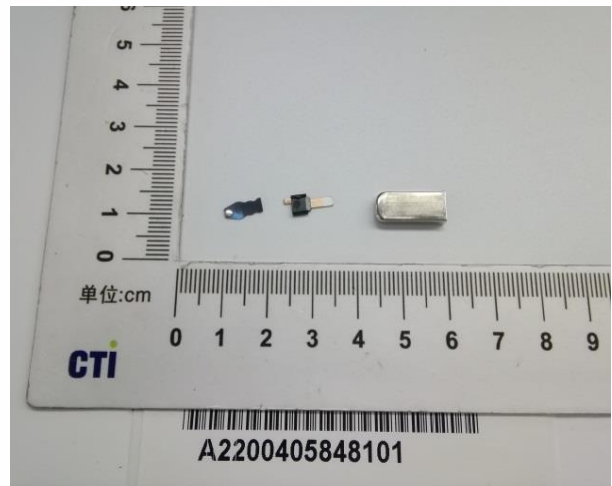
样品图片

Photo(s) of the sample(s)

001



002



声明 Statement:

1. 检测报告无批准人签字、“专用章”及报告骑缝章无效;

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. 未经 CTI 书面同意, 不得部分复制本报告;

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*** 报告结束 ***

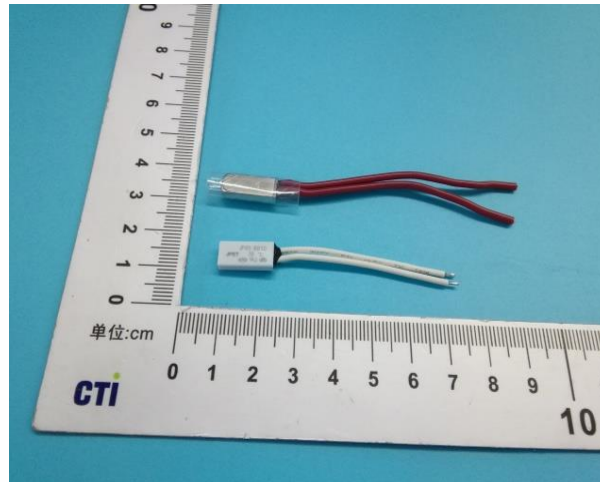
*** End of Report ***

附录 Appendix

客户参考信息 Client Reference Information

JP02/02/JP05/05/JP10/10Series

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



声明 Statement:

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