



检测报告

Test Report

报告编号 A2260201650101002E
Report No. A2260201650101002E

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报告抬头公司名称 东莞市高嘉精密电子有限公司
Company Name DONG GUAN GAOJIA PRECISION ELECTRONICS CO., LTD.
shown on Report
地 址 东莞市沙田镇沙田大道 263 号 3 单元 101 室
Address ROOM 101, UNIT 3, NO. 263 SHATIAN AVENUE, SHATIAN TOWN, 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	胶壳
Sample Name	Housing
材料名称	PA66
Material	PA66
样品接收日期	2026.03.19
Sample Received Date	Mar. 19, 2026
样品检测日期	2026.03.19-2026.03.23
Testing Period	Mar. 19, 2026 to Mar. 23, 2026

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), 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).

批 准

Approved by

郑晴涛

郑晴涛

技术经理 Technical Manager

日 期

Date

2026.03.23

No. R179751680

广东省深圳市宝安区新安街道兴东社区华测检测大楼

华测检测 证集团股份有限公司

Centre Testing International Group Co., Ltd.

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

检验检测专用章
Inspection & Testing Services

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结论 Conclusion

测试样品 Tested Sample	依据标准/指令 According to standard/directive	结果 Result
提交样品 Submitted Sample	欧盟 RoHS 指令 2011/65/EU 及其修订指令 (EU) 2015/863 RoHS Directive 2011/65/EU with amendment (EU) 2015/863	符合 PASS

符合表示检测结果满足欧盟RoHS指令2011/65/EU及其修订指令(EU) 2015/863要求的限值。

PASS means that the results shown on the report comply with the limits set by RoHS Directive 2011/65/EU with amendment (EU) 2015/863.

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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
汞 Mercury (Hg)	IEC 62321-4:2013+AMD1:2017 CSV	ICP-OES
六价铬 Hexavalent Chromium (Cr(VI))	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	限值 Limit
	002		
铅 Lead (Pb)	N.D.	2 mg/kg	1000 mg/kg
镉 Cadmium (Cd)	N.D.	2 mg/kg	100 mg/kg
汞 Mercury (Hg)	N.D.	2 mg/kg	1000 mg/kg
六价铬 Hexavalent Chromium (Cr(VI))	N.D.	8 mg/kg	1000 mg/kg

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL	限值 Limit
	002		
多溴联苯 Polybrominated Biphenyls (PBBs)			
一溴联苯 Monobromobiphenyl	N.D.	5 mg/kg	1000 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	限值 Limit
	002		
多溴二苯醚 Polybrominated Diphenyl Ethers (PBDEs)			
一溴二苯醚 Monobromodiphenyl ether	N.D.	5 mg/kg	1000 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	限值 Limit
	002		
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	1000 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	1000 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	1000 mg/kg
邻苯二甲酸二异丁酯 Diisobutyl phthalate (DIBP) CAS#:84-69-5	N.D.	50 mg/kg	1000 mg/kg

样品/部位描述 Sample/Part Description

序号 No.	CTI 样品 ID CTI Sample ID	描述 Description
1	002	白色塑料 White plastic

备注: 对于检测铅, 镉, 汞之样品已消解完全。
-N.D. = 未检出 (小于方法检出限)
-mg/kg = ppm = 百万分之一
-1000 mg/kg = 0.1%

Remark: The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.
-MDL = Method Detection Limit
-N.D. = Not Detected (<MDL)
-mg/kg = ppm = parts per million
-1000 mg/kg = 0.1%

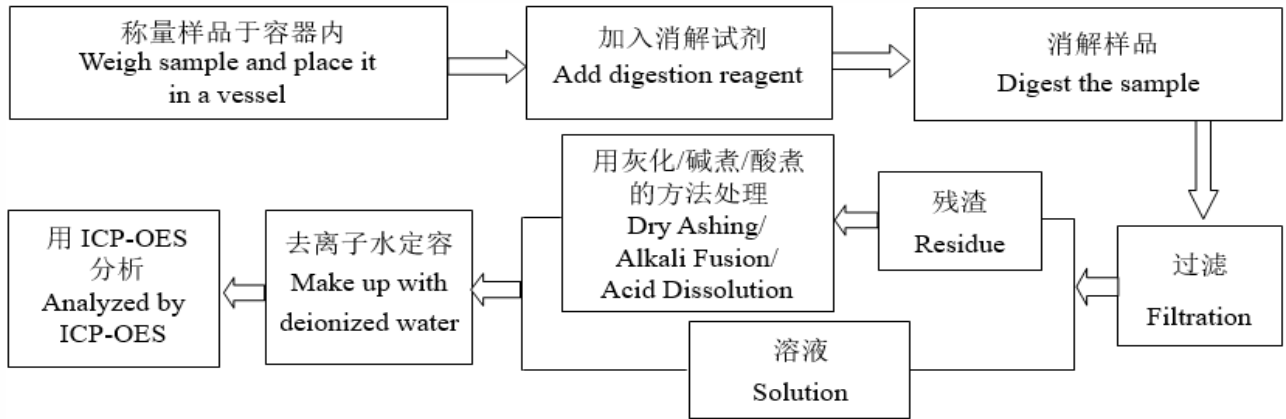
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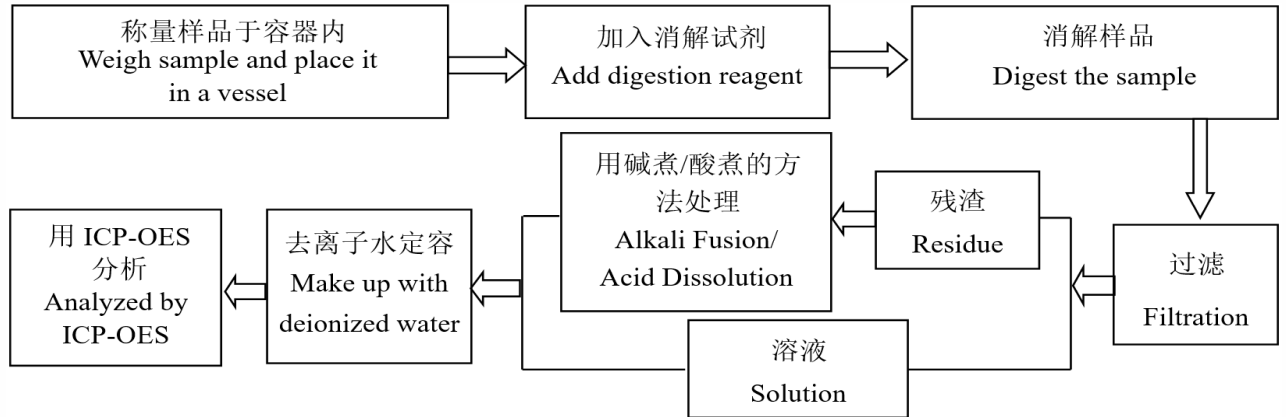
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检测流程 Test Process

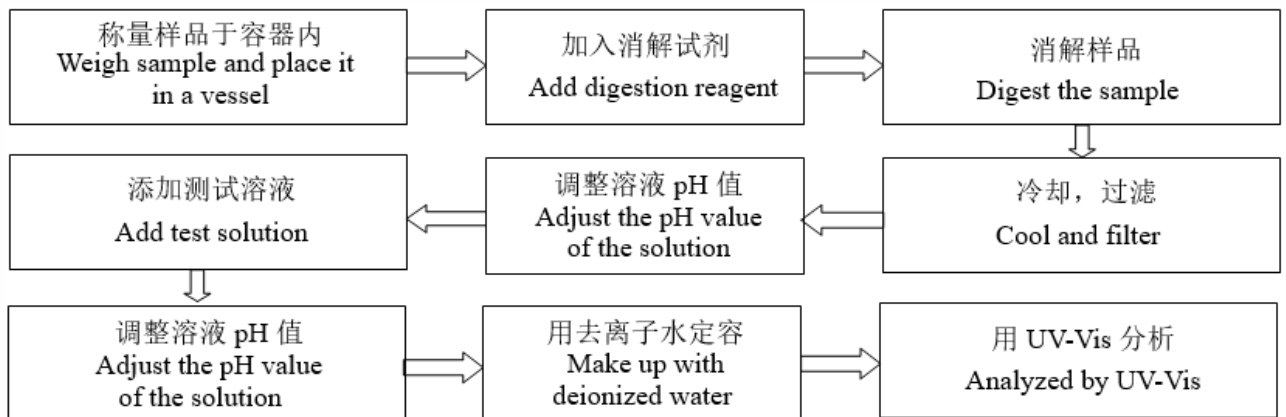
1. 铅 Lead (Pb), 镉 Cadmium (Cd), 铬 Chromium (Cr)



2. 汞 Mercury (Hg)



3. 六价铬 Hexavalent Chromium (Cr(VI))

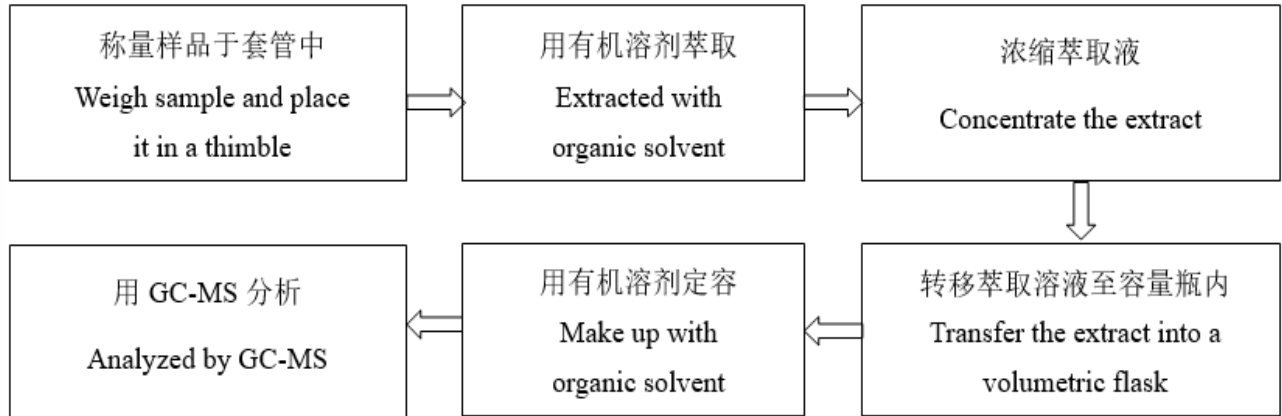


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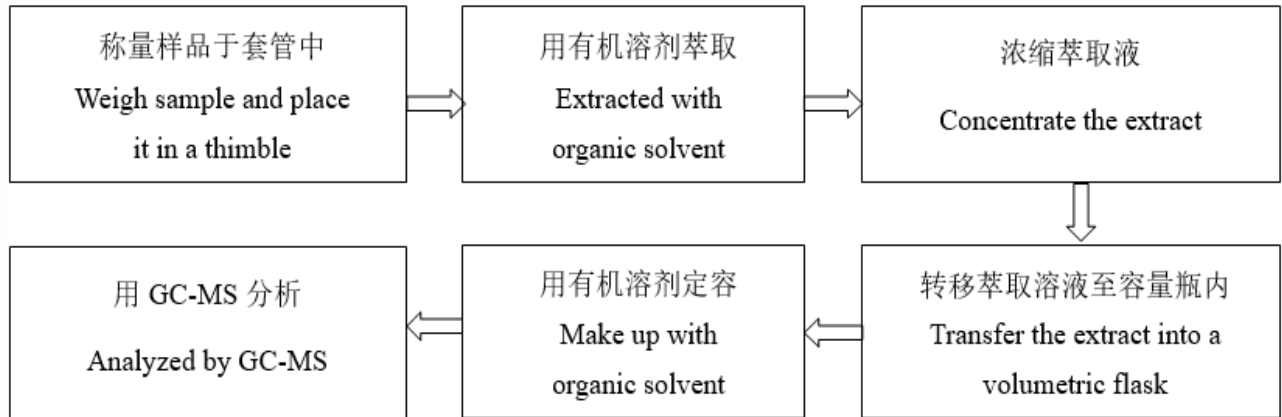
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4. 多溴联苯 Polybrominated Biphenyls (PBBs), 多溴二苯醚 Polybrominated Diphenyl Ethers (PBDEs)



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



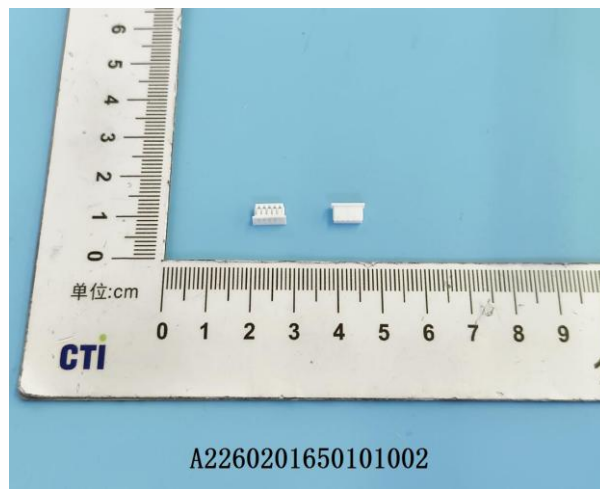
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样品图片

Photo(s) of the sample(s)



声明 Statement:

1. 本报告无批准人签字、“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. 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

产品系列					
A0080 线到板系列	A2001 线到板系列	A3961 线到板系列	B0001-B0004 端到板系列	C1251 线到线系列	RNB 穿线系列
A1001 线到板系列	A2002 线到板系列	A4201 线到板系列	B0005-B0007 端到板系列	C2000 线到线系列	-
A1201 线到板系列	A2003 线到板系列	A4501 线到板系列	B1001 端到板系列	C2001 线到线系列	-
A1002 线到板系列	A2004 线到板系列	-	B1251 端到板系列	C2002 线到线系列	-
A1003 线到板系列	A2005 线到板系列	-	B1601 端到板系列	C2003 线到线系列	-
A1004 线到板系列	A2007 线到板系列	-	B1801 端到板系列	C2004 线到线系列	-
A1005 线到板系列	A2008 线到板系列	-	B2001 端到板系列	C2005 线到线系列	-
A1006 线到板系列	A2500 线到板系列	-	B2501 端到板系列	C2006 线到线系列	-
A1251 线到板系列	A2501 线到板系列	-	-	C2007 线到线系列	-
A1252 线到板系列	A2502 线到板系列	-	-	C2501 线到线系列	-
A1253 线到板系列	A2541 线到板系列	-	-	C2542 线到线系列	-
A1254 线到板系列	A2542 线到板系列	-	-	C4201 线到线系列	-
A1501 线到板系列	A2543 线到板系列	-	-	C4851 线到线系列	-
A1502 线到板系列	-	-	-	C6201 线到线系列	-
A1503 线到板系列	-	-	-	-	-
2#产品信息					
胶壳 (Housing)					
A0080HF A1001HF A1201HF A1002HM A1003HF A1004HF A1005HF A1006HF A1006HM A1251HF A1252HM A1253HF A1254HM A1501HF A1502HF A1503HF A2001HF A2002HF A2003HF A2004HF A2005HF A2007HM A2007HF A2008HM A2008HF A2500HM A2501HF A2502HF A2502HM A2541HF A2542HF A2543HF A3961HF A4201HF A4501HM B1251HR B1251HV B1601TR B1801TR B2001HR B2001HV B2501HR B2501HV C1251HM C2001HM C2002HM C2003HM C2004HM C2005HM C2005HF C2006HF C2006HM C2007HF C2007HM C2501HF C2501HM A2542HM A2542HF C4201HM C4851HF C4851HM C6201HF C6201HM C6201HM-DW					

声明 Statement:

- 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。
The Appendix Information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified.
- 附录内容为 A2260201650101002E 报告的补充。
The Appendix Information is/are the supplement(s) for the Report A2260201650101002E.