



检测报告

Test Report

报告编号 A2190250580101002E
Report No. A2190250580101002E

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申请单位 东南电子股份有限公司
Applicant DONGNAN ELECTRONICS CO.,LTD
地址 浙江省乐清经济开发区纬七路288号
Address NO.288 WEIQI RD, YUEQING ECONOMIC DEVELOPMENT ZONE,

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 client

样品名称 镍青铜
Sample Name QBe2 beryllium bronze
样品接收日期 2019.09.23
Sample Received Date Sep. 23, 2019
样品检测日期 2019.09.23-2019.09.27
Testing Period Sep. 23, 2019 to Sep. 27, 2019

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))进行测试。

Test Requested
As specified by client, to test Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)) 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
Tested by
批 准
Approved by

张琳

技术经理 Technical Manager

宁波市华测检测技术有限公司
Centre Testing International (Ningbo) Co.,Ltd.

审 核
Reviewed by
日 期
Date

郭世荣

2019.09.27

No. R425001407

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1-2F, Eastern Factory, No.76, Jinghua Road, High-Tech Zone, Ningbo, Zhejiang, China

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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	符合
	RoHS Directive 2011/65/EU with amendment (EU) 2015/863	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 Test 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 62321-7-1:2015	UV-vis

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
铅 Lead(Pb)	14 mg/kg	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. ▼	0.10 µg/cm ² (LOQ)	1000 mg/kg

样品/部位描述 铜色金属

Sample/Part Description Cupreous metal

备注： 对于检测铅，镉，汞之样品已完全溶解。
 -N.D. = 未检出（小于方法检出限或定量限）
 -mg/kg = ppm = 百万分之一
 -1000 mg/kg = 0.1%
 -LOQ = 定量限，六价铬的定量限为0.10 µg/cm²
 -▼六价铬浓度小于0.10 µg/cm²，样品未检出六价铬。

Remark: The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.

-MDL = Method Detection Limit
 -N.D. = Not Detected (<MDL or LOQ)
 -mg/kg = ppm = parts per million
 -1000 mg/kg = 0.1%
 -LOQ = Limit of Quantification, The LOQ of Hexavalent chromium is 0.10 µg/cm²
 -▼The sample is negative for Cr(VI) – The Cr(VI) concentration is below 0.10 µg/cm². The coating is considered a non-Cr(VI) based coating.

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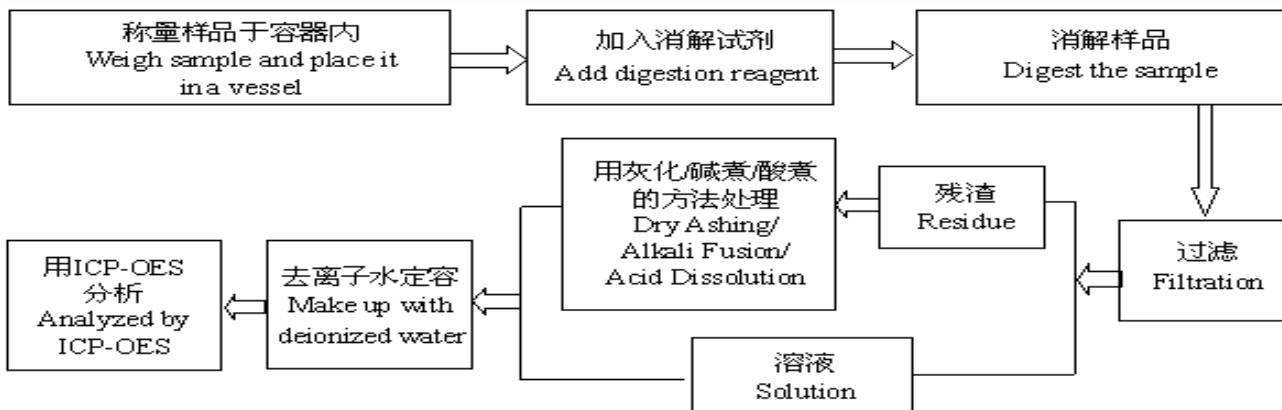
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检测流程 Test Process

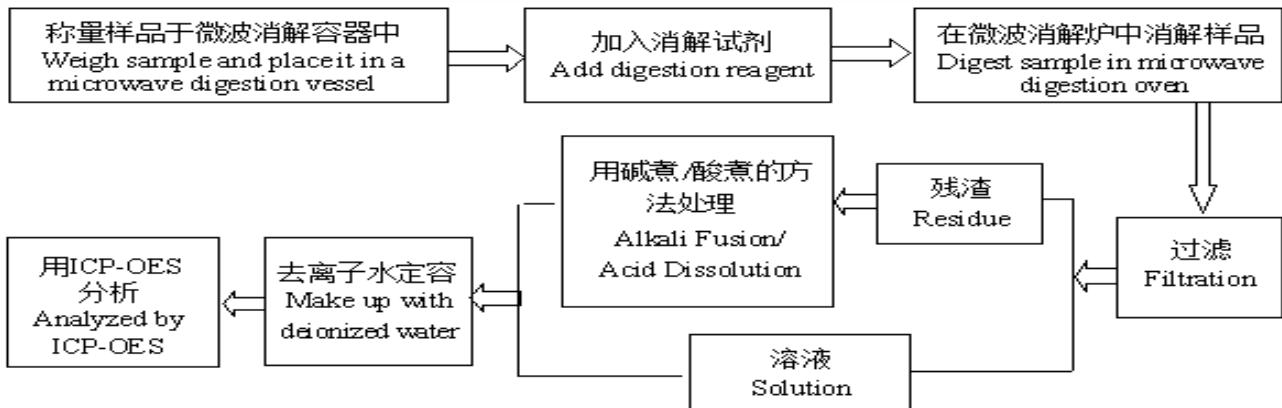
1. 铅(Pb), 镉(Cd)

Lead(Pb), Cadmium(Cd)



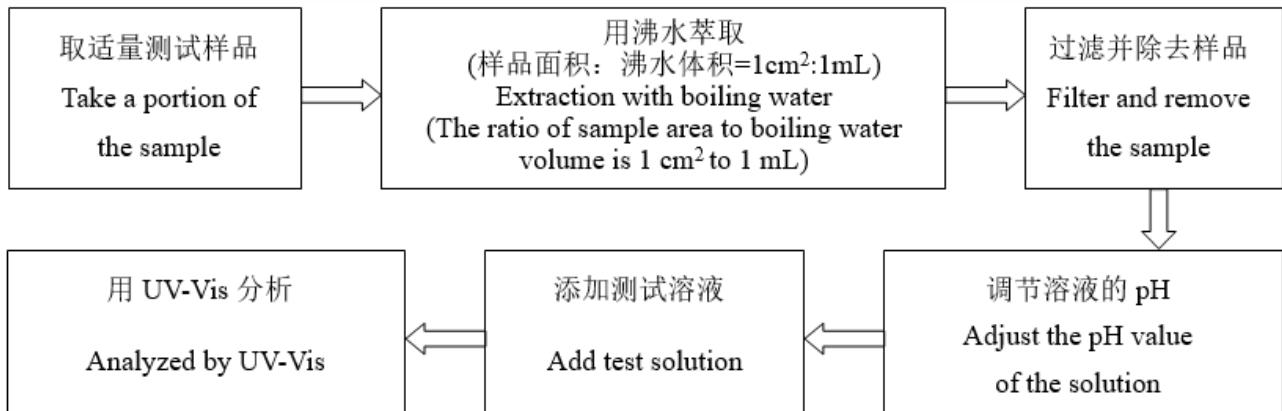
2. 汞(Hg)

Mercury(Hg)



3. 六价铬(Cr(VI))

Hexavalent Chromium(Cr(VI))

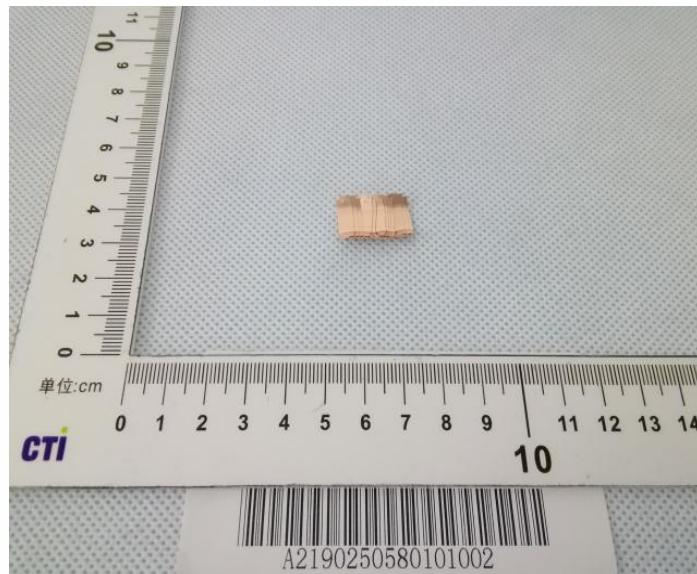


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样品图片 Photo(s) of the sample(s)



报告结束

*** End of report ***

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;
2. 样品及样品信息由申请者提供，申请者应对其真实性负责，CTI未核实其真实性;
The sample(s) and sample information was/were provided by the client 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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5. 如检测报告中的英文内容与中文内容有差异，以中文为准。
In case of any discrepancy between the English version and Chinese version of the testing reports (if generated), the Chinese version shall prevail.