



检测报告

Test Report

报告编号 Report No. A2190298683101015E

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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 Sample Name 纯铜 T2 Copper T2

样品接收日期 Sample Received Date 2019.11.07

Sample Received Date Nov. 7, 2019

样品检测日期 Testing Period 2019.11.07-2019.11.18

Testing Period Nov. 7, 2019 to Nov. 18, 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

审 核
Reviewed by

批 准
Approved by

陈凯敏

日 期
Date

2019.11.22

实验室经理 Lab Manager

No. R131271547

上海市闵行区万芳路 1351 号

No.1351, Wanfang Road, Minhang District, Shanghai, China

上海华测品标检测技术有限公司

Centre Testing International Pinbiao(Shanghai) Co., Ltd.



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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 62321-7-1:2015	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)	7 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 μ g/cm ² (LOQ)	1000 mg/kg

样品/部位描述 Sample/Part Description 金属基材 Metal base

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 μ g/cm²

-▼六价铬浓度小于 0.10 μ g/cm², 样品未检出六价铬。

-本报告中样品的测试结果引用自报告 A2190298683101001E 中样品 2.9.2 的测试结果。

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 μ g/cm²

-▼The sample is negative for Cr(VI) – The Cr(VI) concentration is below 0.10 μ g/cm². The coating is considered a non-Cr(VI) based coating.

-The test result(s) of sample this report is/are presented in reference to the result(s) of sample No. 2.9.2 that reported in A2190298683101001E.

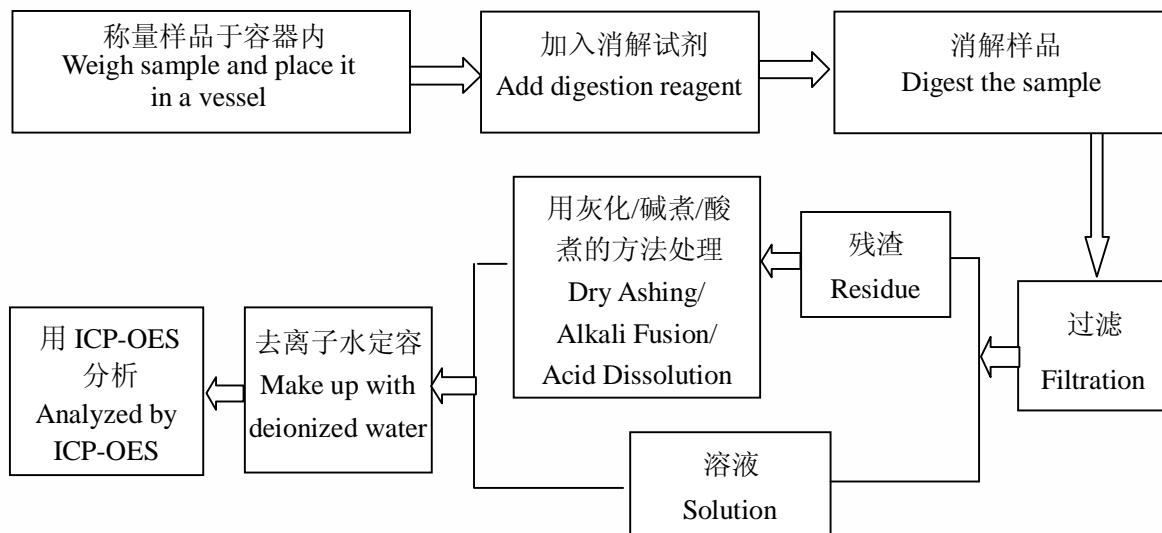
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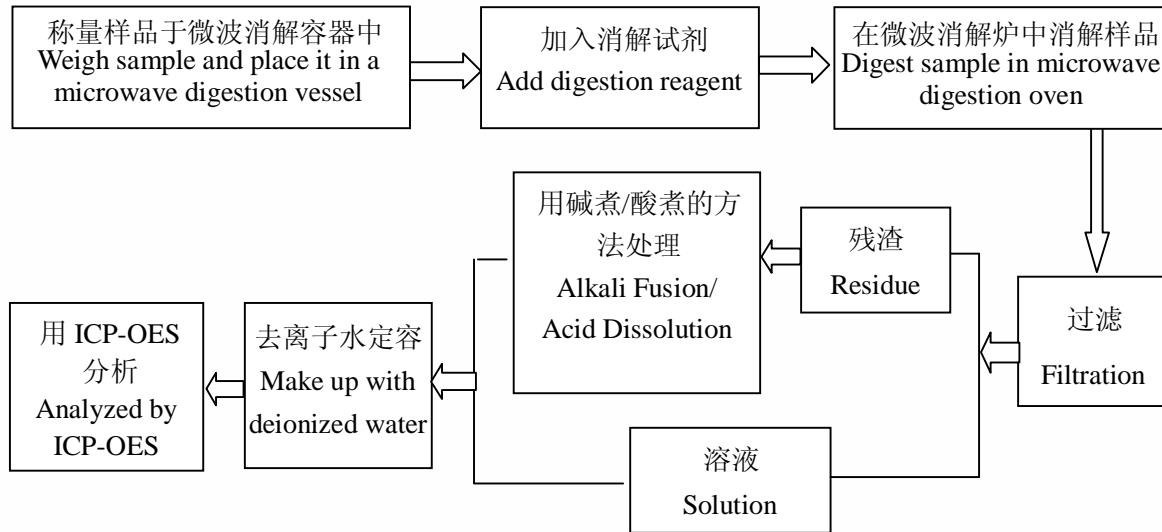
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检测流程 Test Process

1. 铅 Lead(Pb), 镉 Cadmium(Cd)



2. 汞 Mercury(Hg)

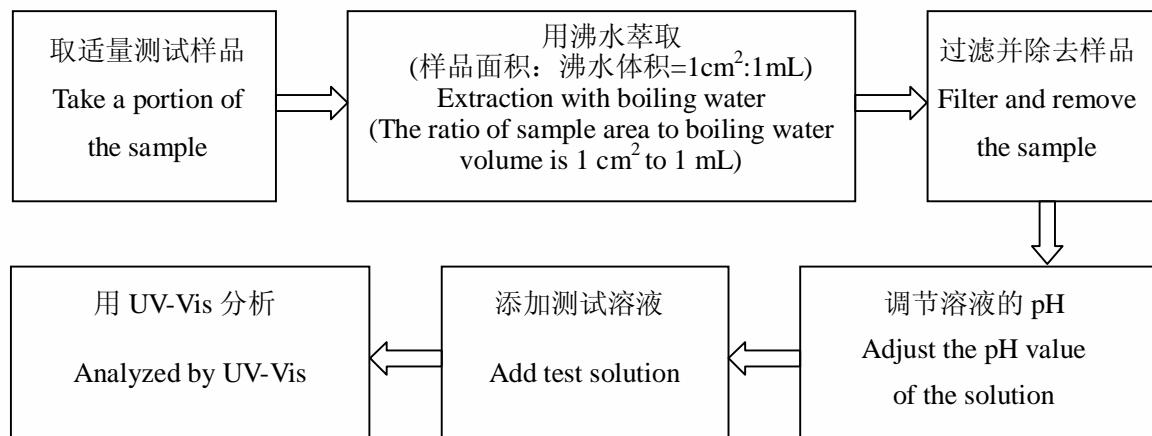


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3. 六价铬 Hexavalent Chromium(Cr(VI))



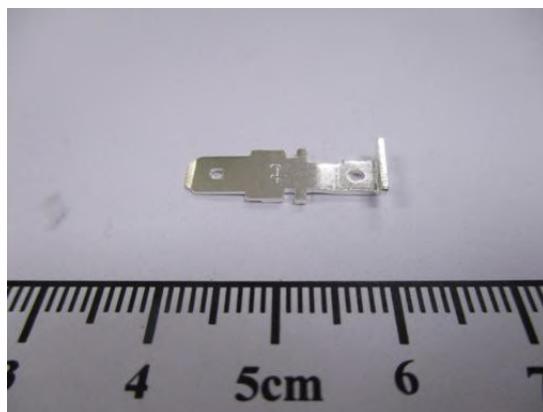
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样品图片

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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