

检测报告 Test Report

报告编号 ECL03J004805003E
Report No. ECL03J004805003E

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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 簧片
Sample Name TERMINAL
样品型号 DS3
Part No. DS3
样品颜色 黄
Color yellow
材料名称 磷铜
Material Phosphor copper
样品接收日期 2017.08.16
Sample Received Date Aug. 16, 2017
样品检测日期 2017.08.16-2017.08.19
Testing Period Aug. 16, 2017 to Aug. 19, 2017

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
张琳
批准
Approved by

张琳

张琳

授权签字人 Approved Signatory

审 核
Reviewed by
日期
Date

陈汐

2017.08.19

No. R138204638

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结论 Conclusion

测试样品 Tested Sample	依据指令 According to directive	结果 Result
提交样品 Submitted Sample	2011/65/EU	符合 Pass

符合表示检测结果满足欧盟RoHS指令2011/65/EU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.

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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(Pb) Lead (Pb)	IEC 62321-5:2013 Ed.1.0	ICP-OES
镉(Cd) Cadmium (Cd)	IEC 62321-5:2013 Ed.1.0	ICP-OES
汞(Hg) Mercury (Hg)	IEC 62321-4:2013 Ed.1.0	ICP-OES
六价铬(Cr(VI)) Hexavalent Chromium(Cr(VI))	IEC 62321-7-1:2015	UV-Vis

检测结果 Test Result(s)

测试项目 Test Item(s)	结果 Result	方法检出限 MDL	2011/65/EU指令限值 Limit of Directive 2011/65/EU
铅(Pb) Lead (Pb)	124 mg/kg	2 mg/kg	1000 mg/kg
镉(Cd) Cadmium (Cd)	N.D.	2 mg/kg	100 mg/kg
汞(Hg) Mercury (Hg)	N.D.	2 mg/kg	1000 mg/kg
六价铬(Cr(VI)) Hexavalent Chromium(Cr(VI))	N.D. ▼	0.10 µg/cm ² (LOQ)	1000 mg/kg

测试样品/部位描述

Tested Sample/Part Description

有黄色镀层的金属

Metal with yellow plating

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

-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

-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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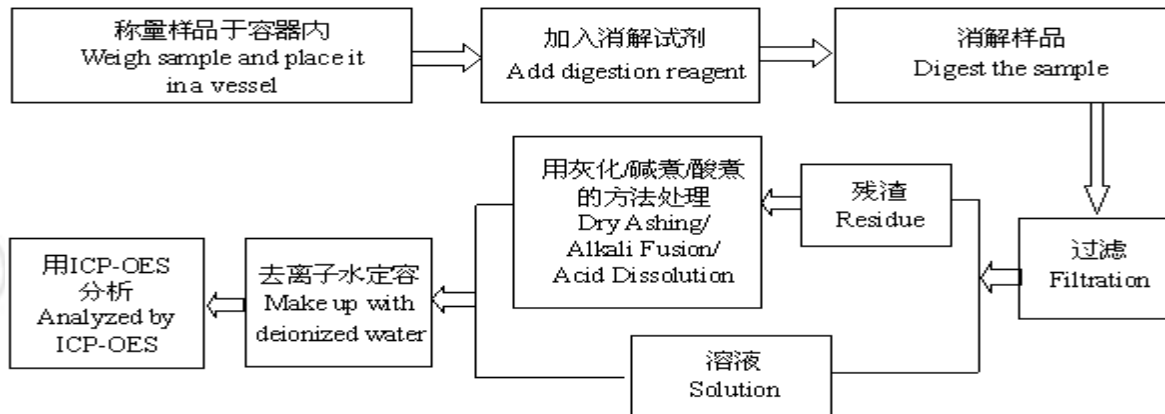
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检测流程 Test Process

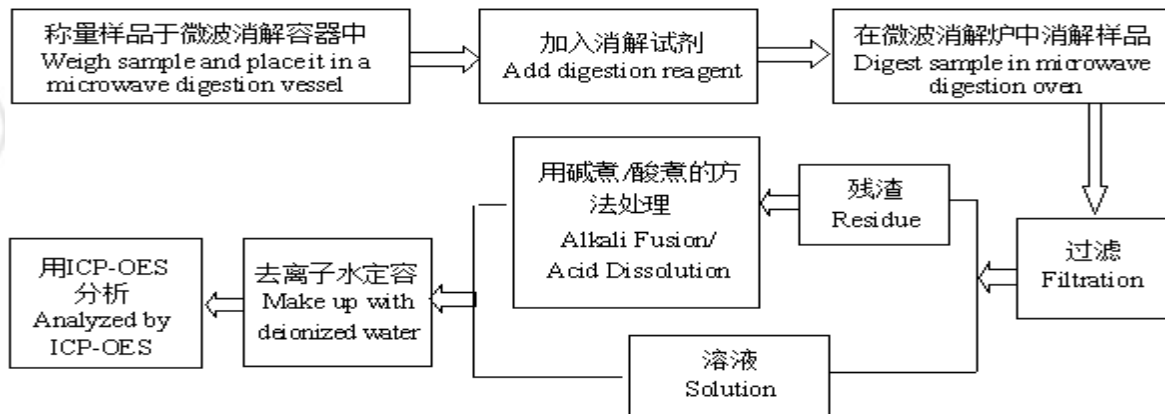
1. 铅(Pb), 镉(Cd)

Lead (Pb), Cadmium (Cd)



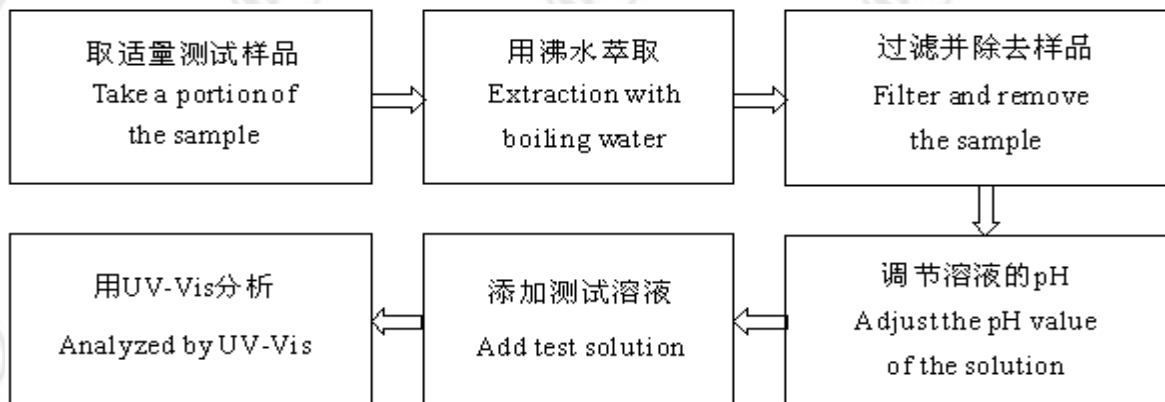
2. 汞(Hg)

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 ***

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